

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038508.D
 Acq On : 12 Dec 2018 21:24
 Operator : JU/SJ
 Sample : J6193-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Quant Time: Dec 13 06:10:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25907	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	105132	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70055	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	180654	20.00	ng	0.00
76) Chrysene-d12	21.73	240	180169	20.00	ng	0.00
87) Perylene-d12	25.02	264	198215	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	205297	140.55	ng	0.00
7) Phenol-d6	7.21	99	252308	125.83	ng	0.00
23) Nitrobenzene-d5	9.24	82	203143	98.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	160484	166.22	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	480983	94.19	ng	0.00
79) Terphenyl-d14	20.04	244	905899	109.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	21781	32.040	ng	# 1
3) Pyridine	3.90	79	58828	31.431	ng	91
4) n-Nitrosodimethylamine	3.82	42	39596	43.176	ng	96
6) Aniline	7.39	93	32281	12.611	ng	99
8) 2-Chlorophenol	7.62	128	77090	45.607	ng	97
9) Benzaldehyde	7.20	77	32428	24.929	ng	98
10) Phenol	7.24	94	83591	39.239	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	72526	42.761	ng	99
12) 1,3-Dichlorobenzene	7.95	146	78649	39.352	ng	97
13) 1,4-Dichlorobenzene	8.09	146	81233	39.686	ng	97
14) 1,2-Dichlorobenzene	8.42	146	77425	40.123	ng	97
15) Benzyl Alcohol	8.31	79	74777	47.777	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	164650	42.378	ng	98
17) 2-Methylphenol	8.50	107	67737	47.459	ng	99
18) Hexachloroethane	9.14	117	29183	39.017	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	62681	44.507	ng	97
20) 3+4-Methylphenols	8.83	107	92283	46.817	ng	94
22) Acetophenone	8.89	105	120953	46.060	ng	96
24) Nitrobenzene	9.28	77	97105	46.644	ng	100
25) Isophorone	9.79	82	182068	49.242	ng	99
26) 2-Nitrophenol	9.99	139	47552	44.628	ng	99
27) 2,4-Dimethylphenol	10.03	122	81435	53.328	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	102262	49.009	ng	98
29) 2,4-Dichlorophenol	10.52	162	87527	51.522	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	88293	43.027	ng	92
31) Naphthalene	10.93	128	245900	47.472	ng	99
32) Benzoic acid	10.17	122	5753	14.839	ng	# 71
33) 4-Chloroaniline	11.06	127	4187	1.862	ng	95
34) Hexachlorobutadiene	11.19	225	56871	40.958	ng	# 91
35) Caprolactam	11.88	113	9872	14.042	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	96095	49.568	ng	98
37) 2-Methylnaphthalene	12.53	142	185485	50.193	ng	99
38) 1-Methylnaphthalene	12.75	142	179059	49.933	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	109427	41.788	ng	99

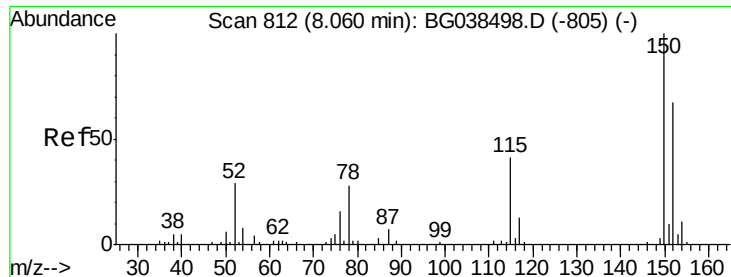
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	128160	89.083	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	80049	49.717	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	86249	50.594	ng	95
46) 1,1'-Biphenyl	13.53	154	248200	42.262	ng	100
47) 2-Chloronaphthalene	13.58	162	199789	44.041	ng	96
48) 2-Nitroaniline	13.79	65	69962	48.417	ng	95
49) Acenaphthylene	14.42	152	331550	48.888	ng	99
50) Dimethylphthalate	14.15	163	285251	49.861	ng	99
51) 2,6-Dinitrotoluene	14.28	165	64882	50.046	ng	94
52) Acenaphthene	14.76	154	189147	46.642	ng	95
53) 3-Nitroaniline	14.61	138	8738	6.612	ng	# 93
54) 2,4-Dinitrophenol	14.82	184	33492	45.787	ng	97
55) Dibenzofuran	15.10	168	323361	46.517	ng	96
56) 4-Nitrophenol	14.92	139	91814	91.577	ng	95
57) 2,4-Dinitrotoluene	15.07	165	90713	49.678	ng	96
58) Fluorene	15.74	166	264360	51.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	81827	53.352	ng	99
60) Diethylphthalate	15.50	149	293346	46.709	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	148918	46.343	ng	99
62) 4-Nitroaniline	15.78	138	57782	42.468	ng	96
63) Azobenzene	16.03	77	250457	47.738	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	34934	27.108	ng	98
66) n-Nitrosodiphenylamine	15.95	169	241750	45.544	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	97924	44.384	ng	93
68) Hexachlorobenzene	16.74	284	102977	45.025	ng	97
69) Atrazine	16.89	200	102535	52.052	ng	99
70) Pentachlorophenol	17.09	266	103613	76.593	ng	97
71) Phenanthrene	17.49	178	465262	49.665	ng	99
72) Anthracene	17.58	178	473012	51.146	ng	99
73) Carbazole	17.85	167	422531	46.197	ng	100
74) Di-n-butylphthalate	18.38	149	505475	48.163	ng	100
75) Fluoranthene	19.49	202	577463	49.820	ng	97
77) Benzidine	19.68	184	127310	23.893	ng	97
78) Pyrene	19.86	202	576146	48.406	ng	99
80) Butylbenzylphthalate	20.73	149	227865	49.002	ng	99
81) Benzo(a)anthracene	21.70	228	556505	50.690	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	69589	15.982	ng	99
83) Chrysene	21.77	228	516017	48.798	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	316712	48.022	ng	100
85) Di-n-octyl phthalate	22.80	149	536361	48.560	ng	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	646261	51.983	ng	# 72
88) Benzo(b)fluoranthene	23.96	252	555299	51.025	ng	99
89) Benzo(k)fluoranthene	24.04	252	551262	50.869	ng	98
90) Benzo(a)pyrene	24.87	252	543159	51.734	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	535593	51.235	ng	98
92) Benzo(g,h,i)perylene	30.00	276	530850	51.528	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

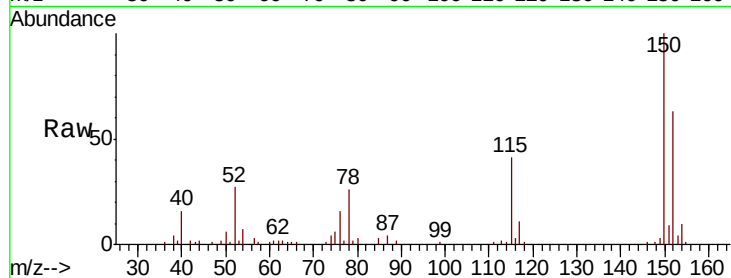
Tgt Ion:152 Resp: 25907

Ion Ratio Lower Upper

152 100

150 158.5 119.5 179.3

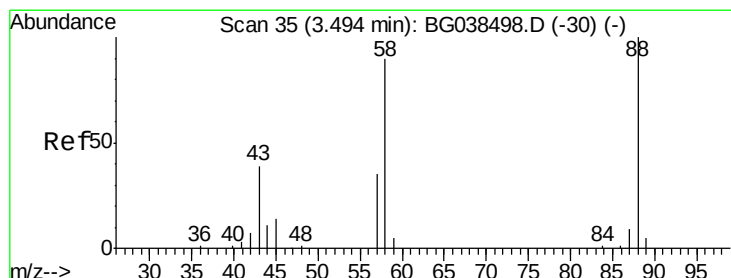
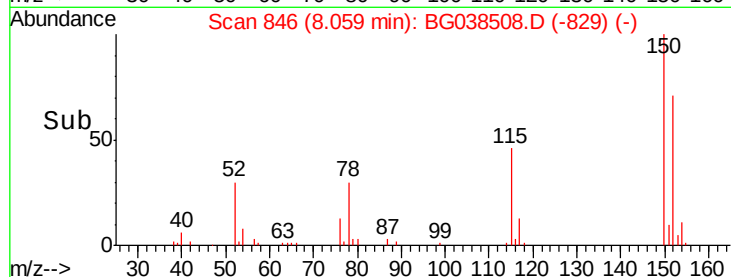
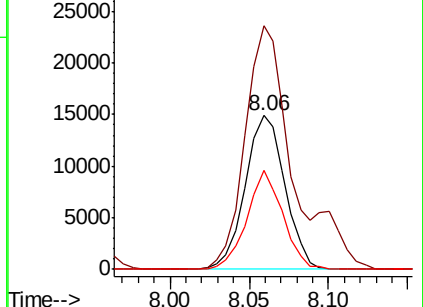
115 64.7 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.040 ng

RT: 3.51 min Scan# 71

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

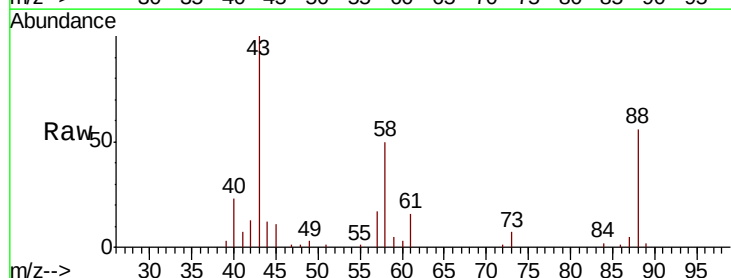
Tgt Ion: 88 Resp: 21781

Ion Ratio Lower Upper

88 100

58 97.2 75.7 113.5

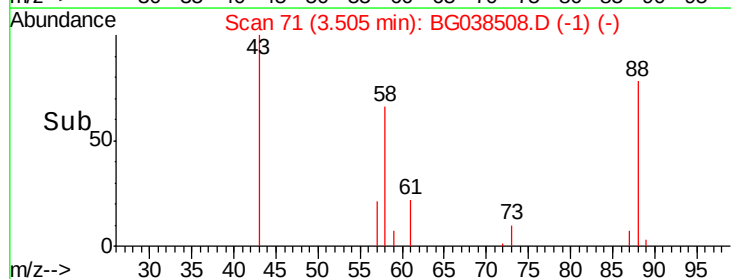
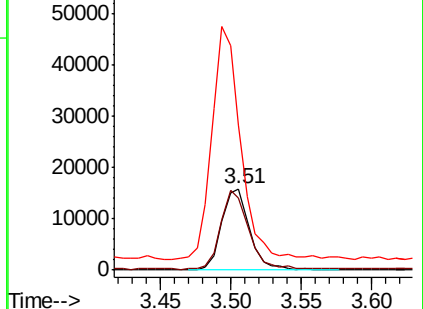
43 294.7 31.6 47.4#

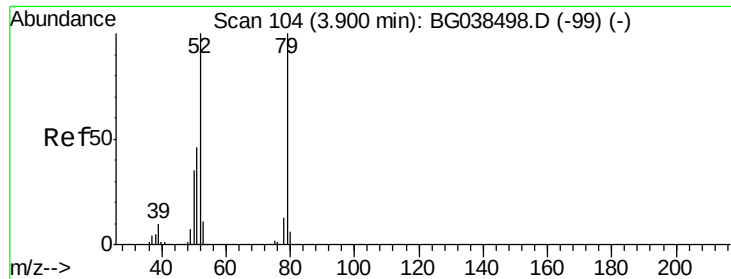


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

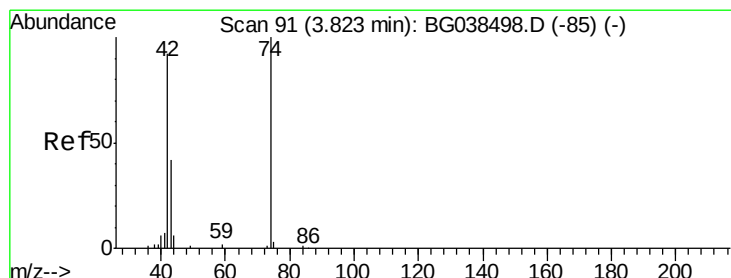
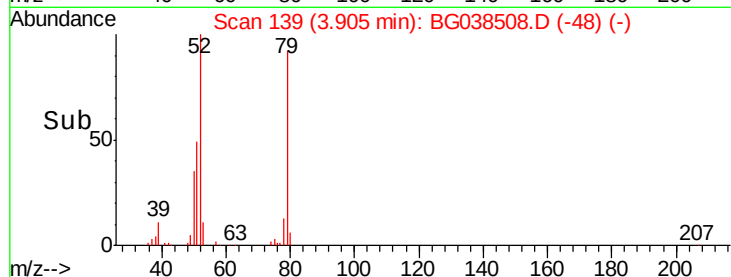
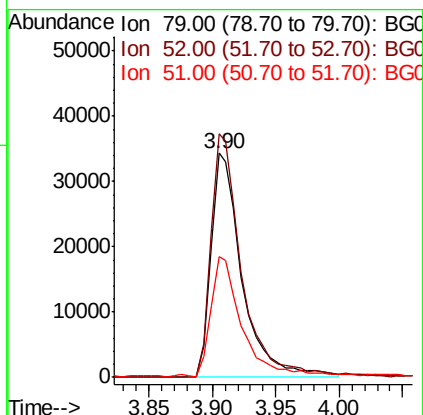
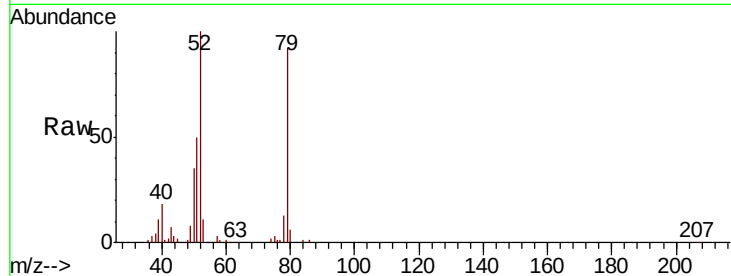




#3
 Pyridine
 Concen: 31.431 ng
 RT: 3.90 min Scan# 139
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

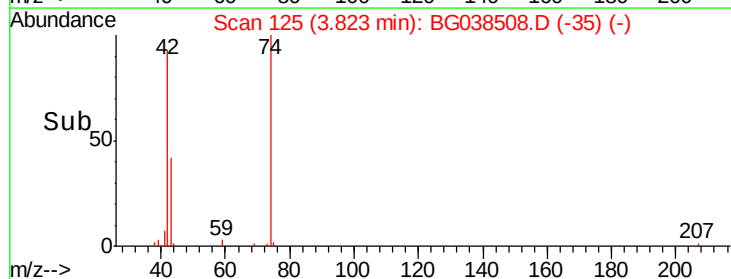
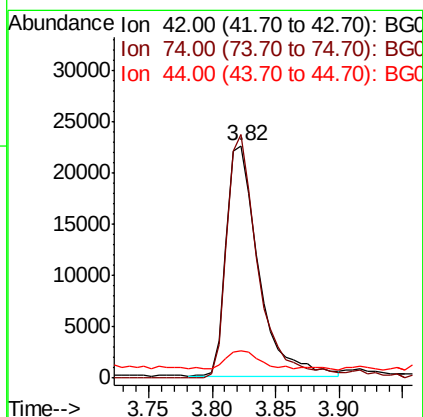
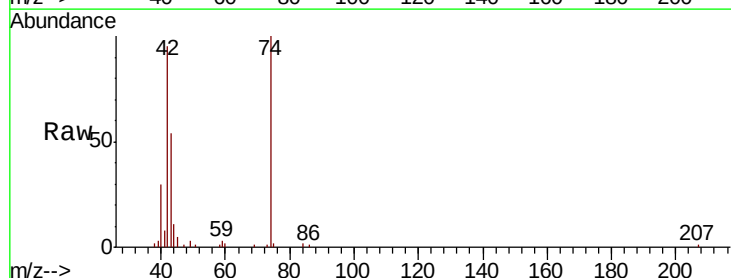
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

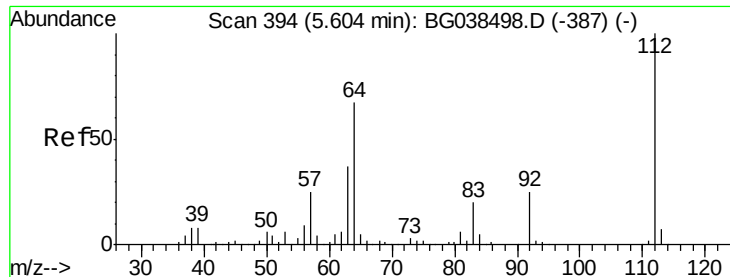
Tgt Ion: 79 Resp: 58828
 Ion Ratio Lower Upper
 79 100
 52 108.7 80.2 120.2
 51 54.0 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 43.176 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion: 42 Resp: 39596
 Ion Ratio Lower Upper
 42 100
 74 104.8 86.7 130.1
 44 11.5 7.8 11.8





#5

2-Fluorophenol

Concen: 140.551 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

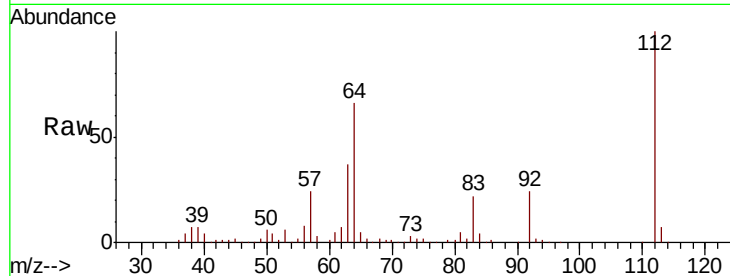
Instrument :

BNA_G

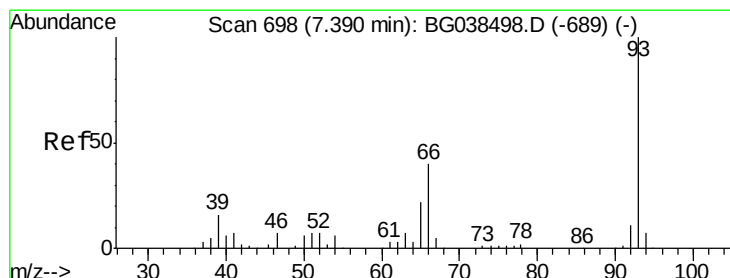
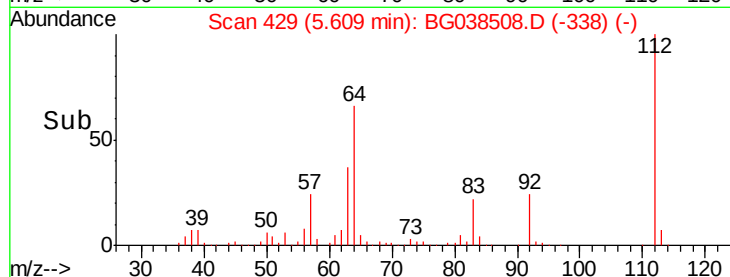
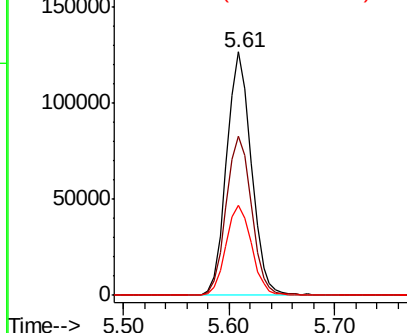
ClientSampleId :

CL-01-121018-AMSD

Tgt Ion:	112	Resp:	205297
Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.4	80.2
63	37.2	29.3	43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.611 ng

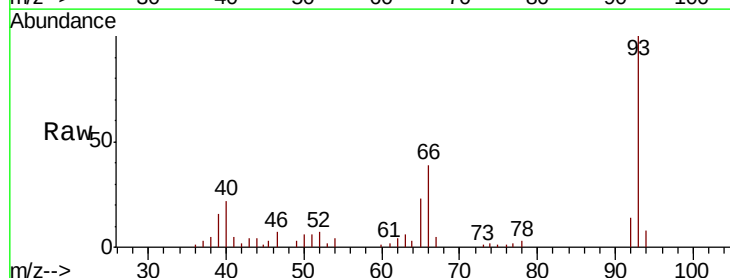
RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

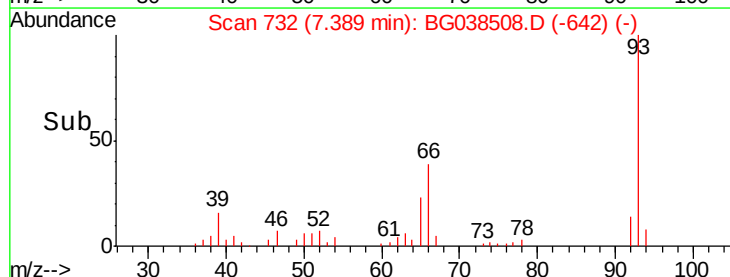
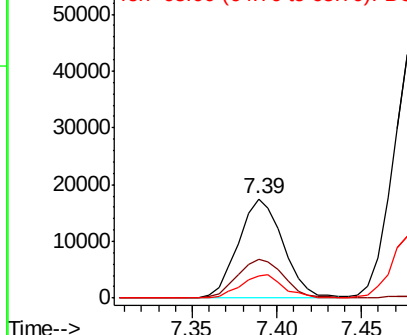
Lab File: BG038508.D

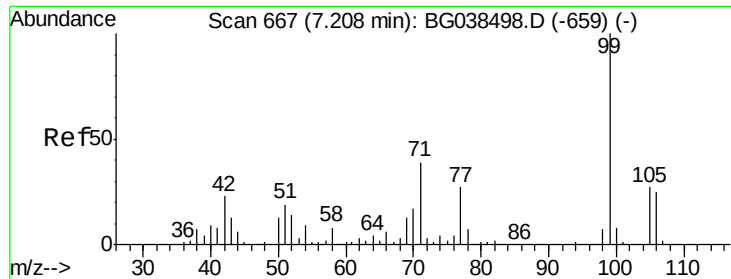
Acq: 12 Dec 2018 21:24

Tgt Ion:	93	Resp:	32281
Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.7	47.5
65	22.6	17.8	26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.827 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

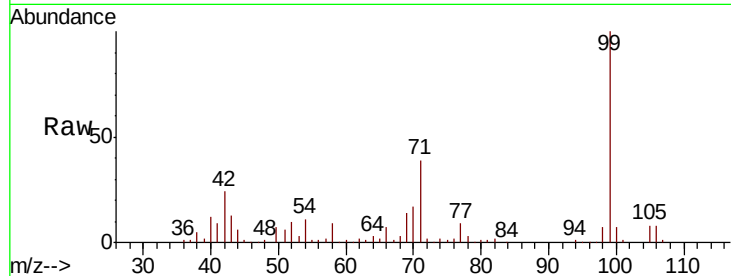
Tgt Ion: 99 Resp: 252308

Ion Ratio Lower Upper

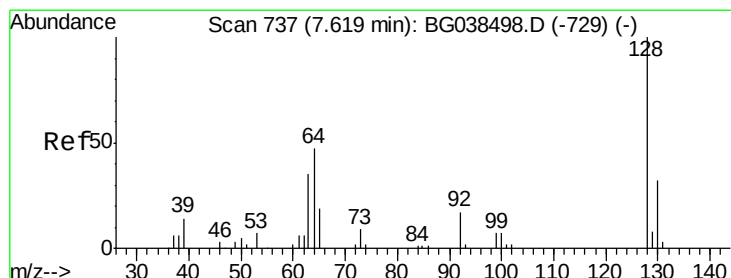
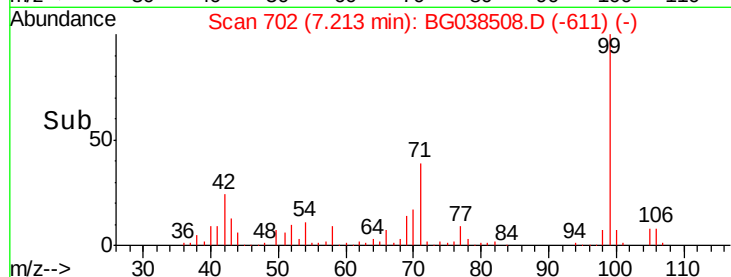
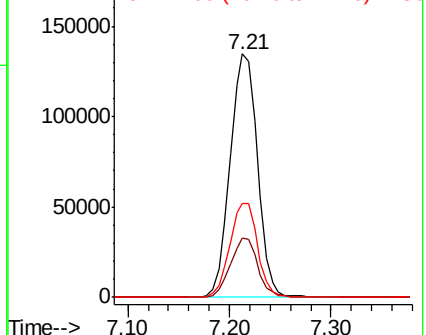
99 100

42 24.1 18.5 27.7

71 38.7 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.607 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

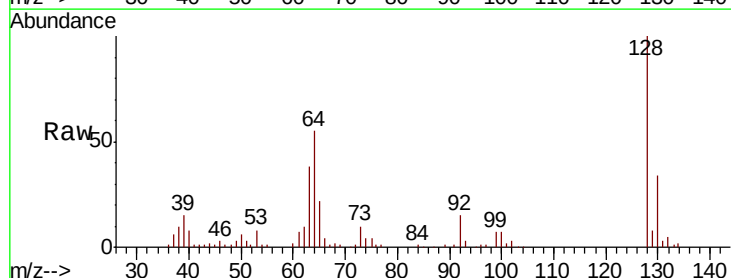
Tgt Ion: 128 Resp: 77090

Ion Ratio Lower Upper

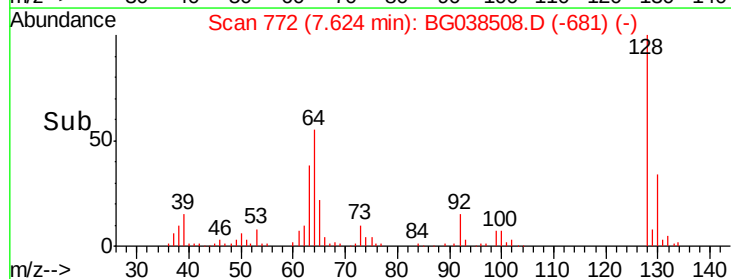
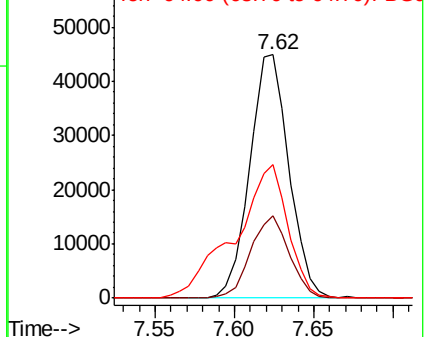
128 100

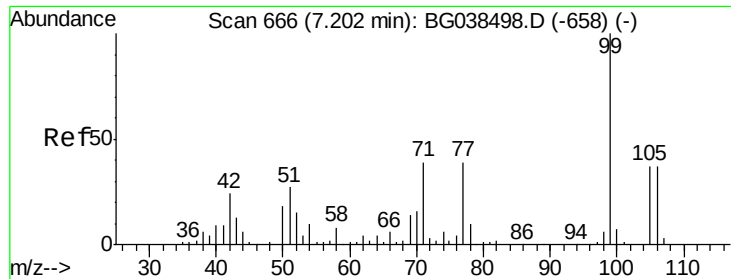
130 33.6 11.8 51.8

64 54.8 33.2 73.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.929 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

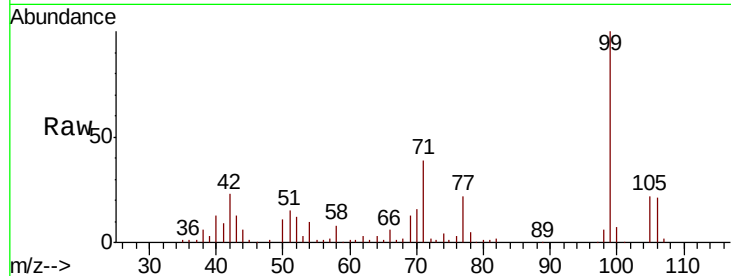
Tgt Ion: 77 Resp: 32428

Ion Ratio Lower Upper

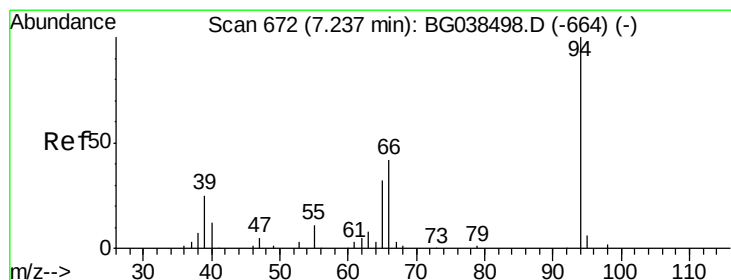
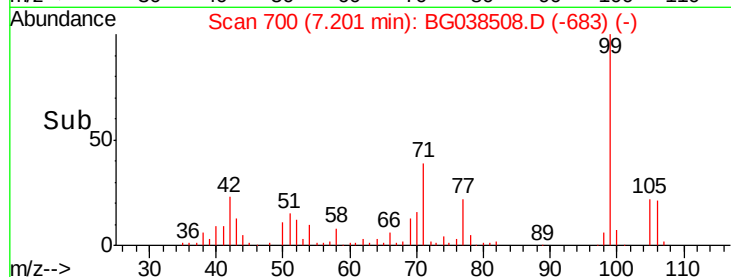
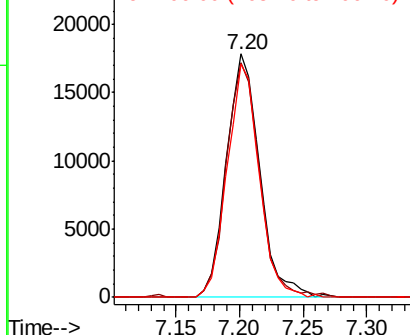
77 100

105 96.2 74.0 114.0

106 95.9 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.239 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

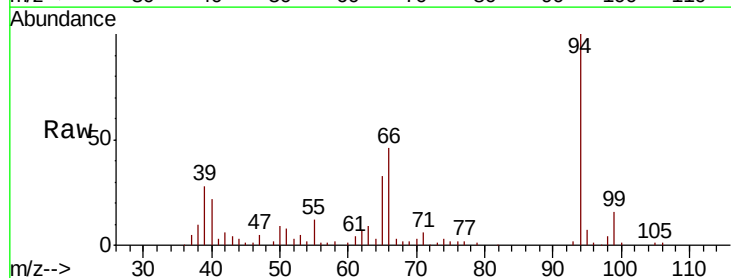
Tgt Ion: 94 Resp: 83591

Ion Ratio Lower Upper

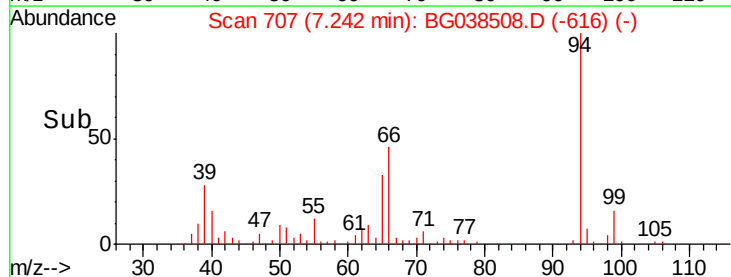
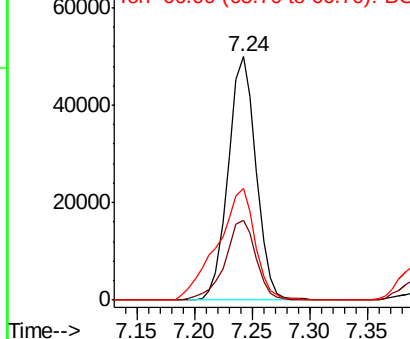
94 100

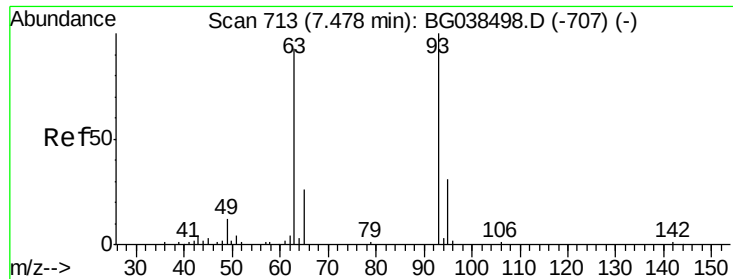
65 33.0 12.6 52.6

66 45.7 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.761 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

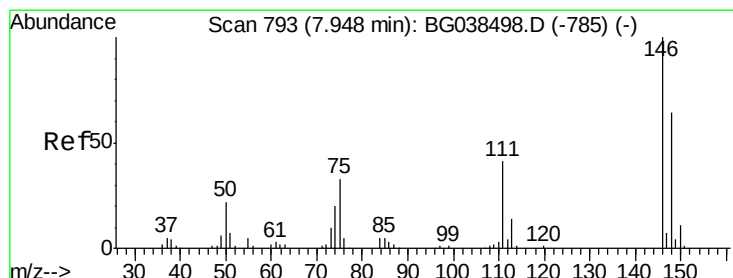
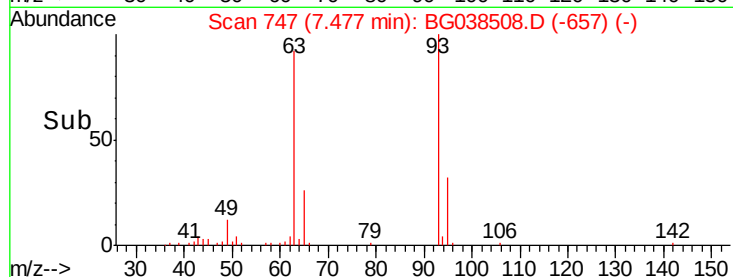
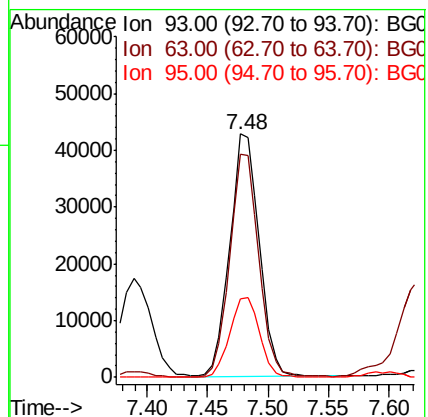
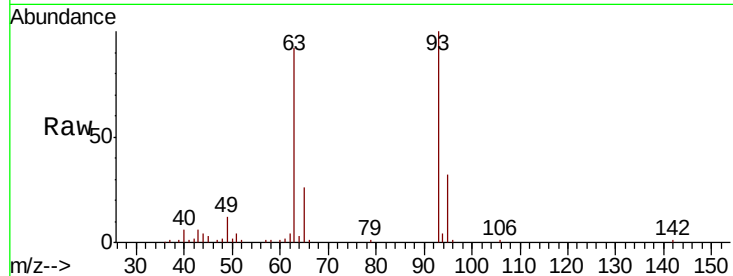
Tgt Ion: 93 Resp: 72526

Ion Ratio Lower Upper

93 100

63 91.5 72.2 112.2

95 32.3 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.352 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

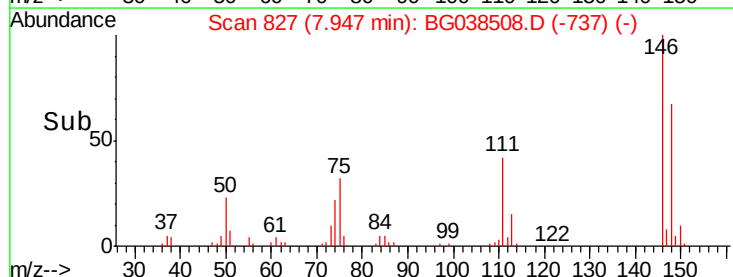
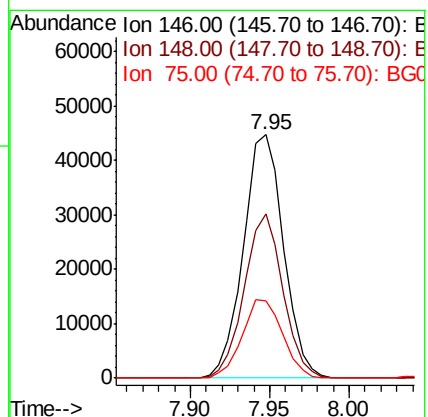
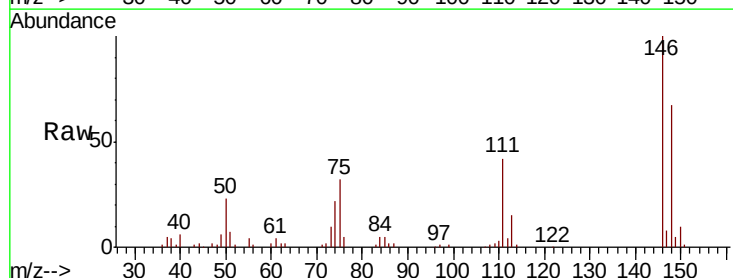
Tgt Ion: 146 Resp: 78649

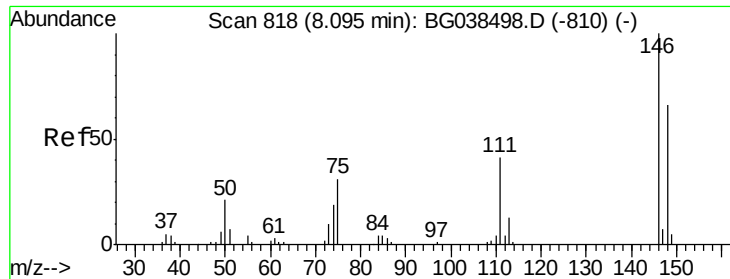
Ion Ratio Lower Upper

146 100

148 67.3 51.4 77.0

75 31.7 26.1 39.1

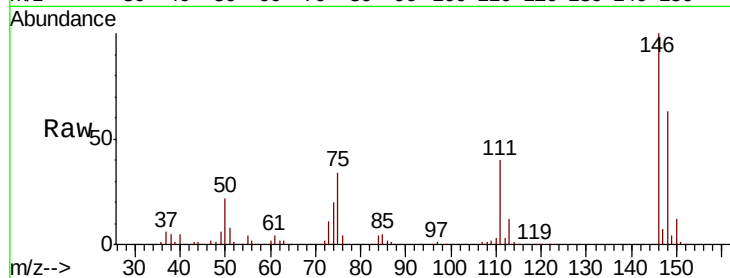




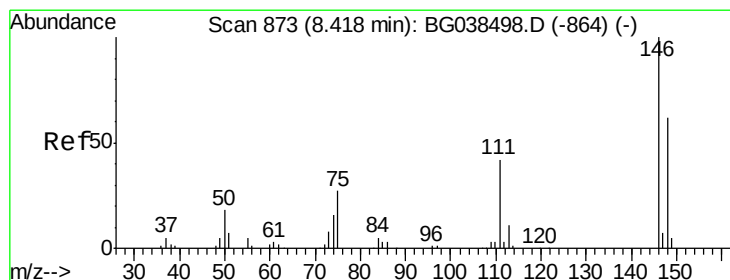
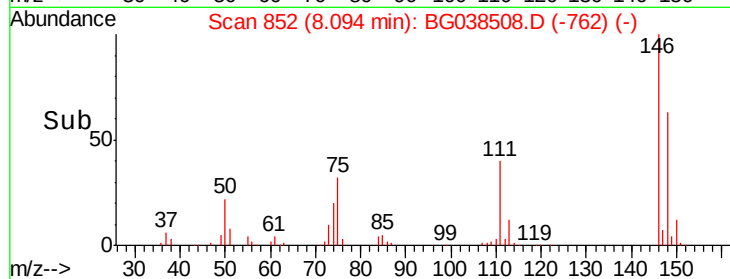
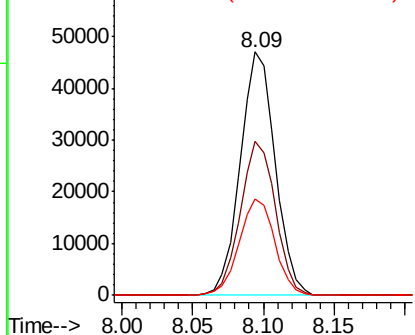
#13
 1,4-Dichlorobenzene
 Concen: 39.686 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tgt Ion:146 Resp: 81233
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.4 78.6
 111 39.8 33.0 49.4

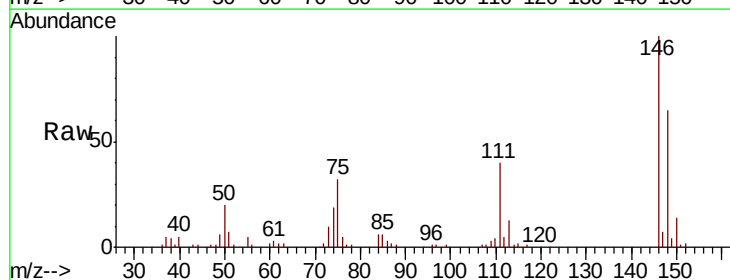


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

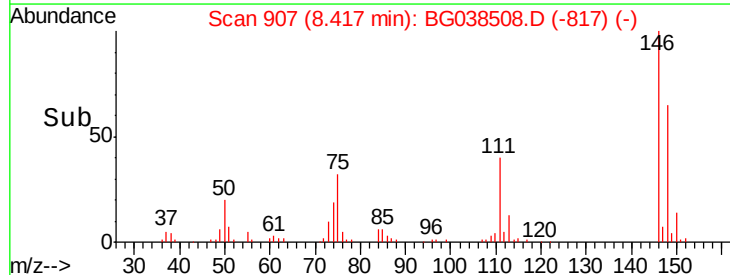
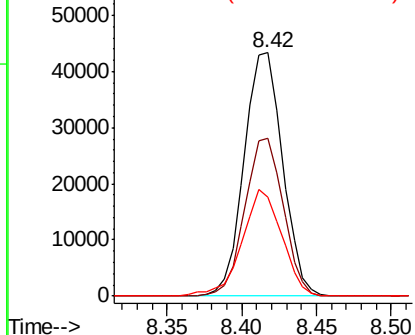


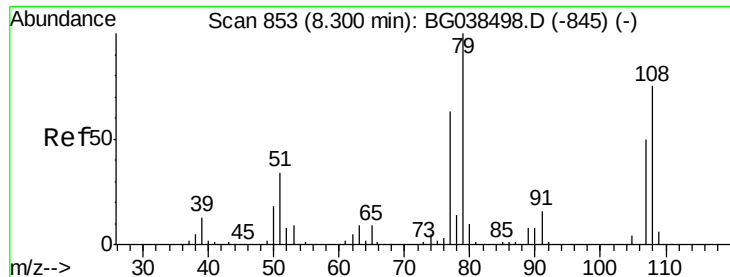
#14
 1,2-Dichlorobenzene
 Concen: 40.123 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:146 Resp: 77425
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.4 74.0
 111 40.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.777 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

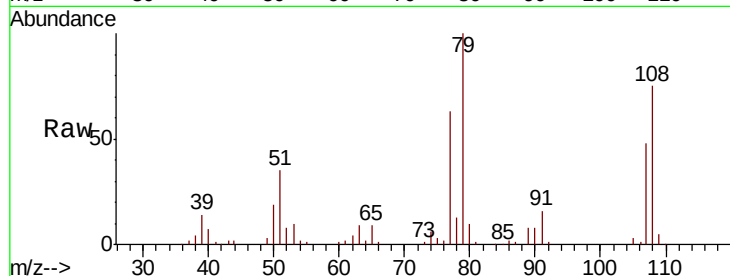
Tgt Ion: 79 Resp: 74777

Ion Ratio Lower Upper

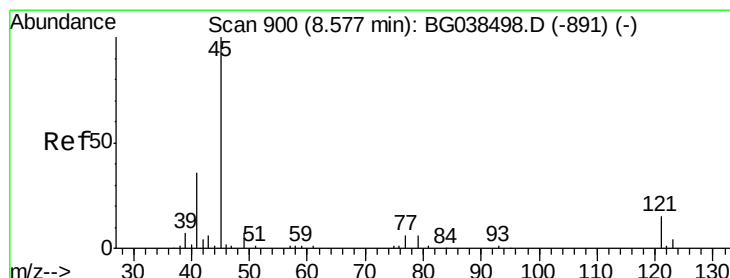
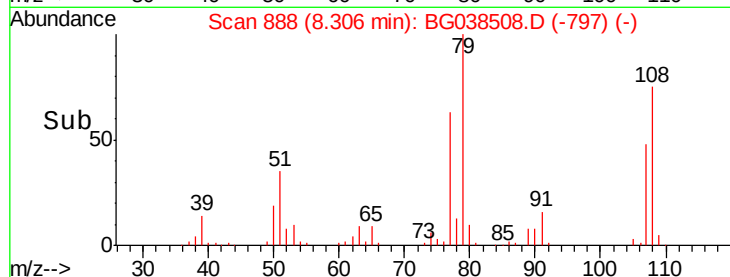
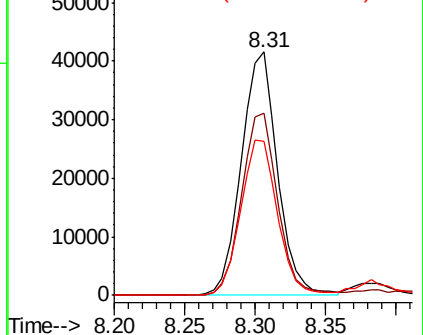
79 100

108 74.7 60.2 90.4

77 63.1 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.378 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

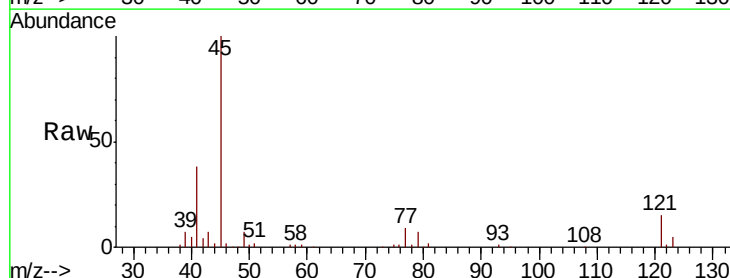
Tgt Ion: 45 Resp: 164650

Ion Ratio Lower Upper

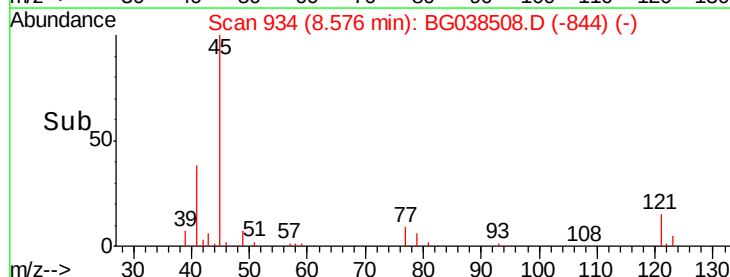
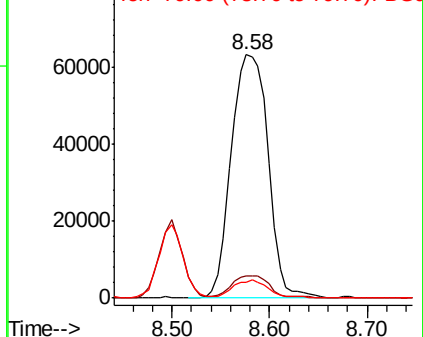
45 100

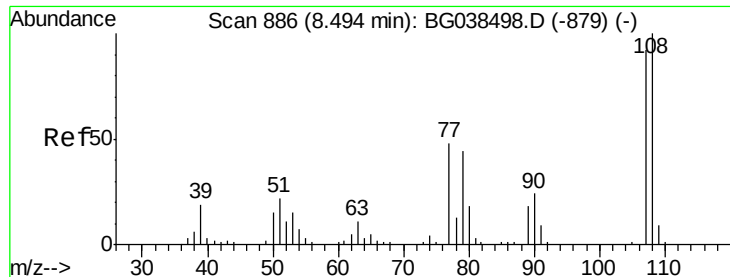
77 9.3 0.0 28.2

79 6.7 0.0 27.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

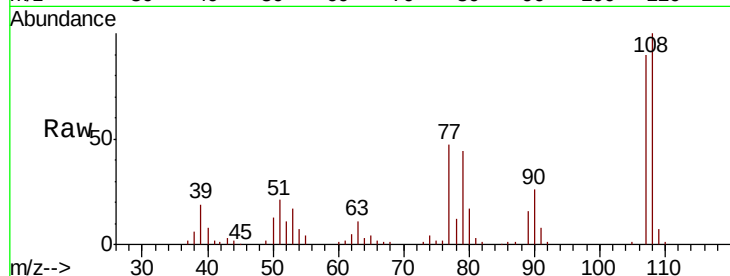




#17
2-Methylphenol
Concen: 47.459 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion:	107	Resp:	67737
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.1	130.7
77	52.1	42.0	63.0
79	48.8	38.2	57.2



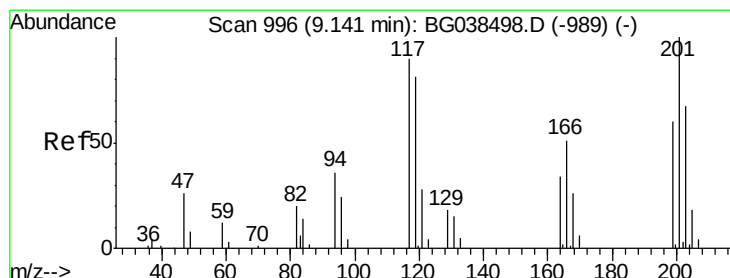
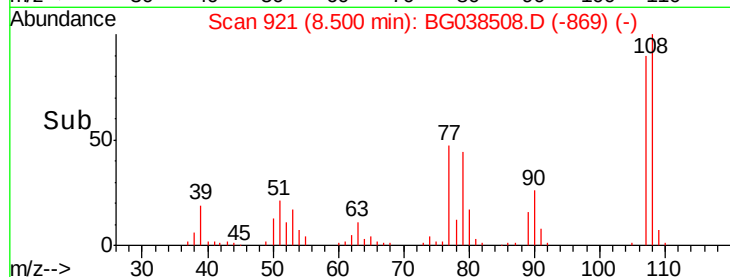
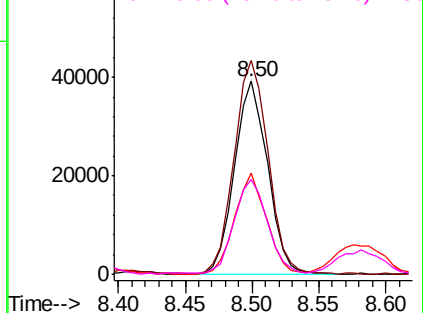
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

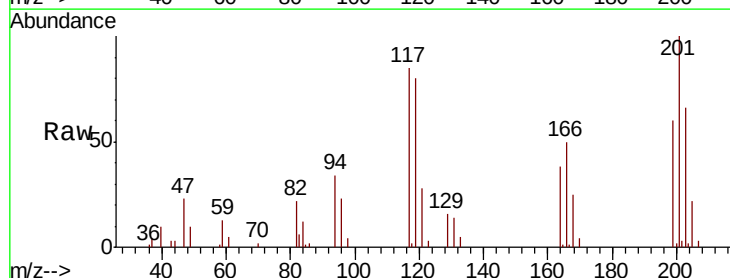
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 39.017 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:	117	Resp:	29183
Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.8	110.8
201	121.1	89.4	134.0

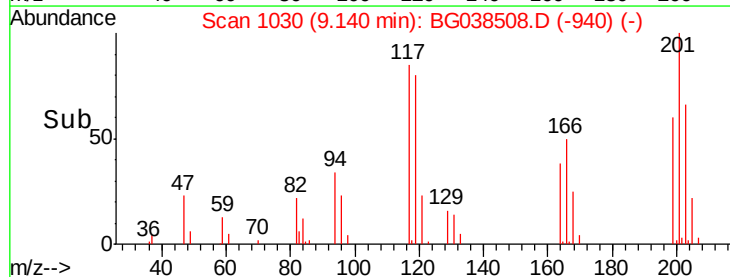
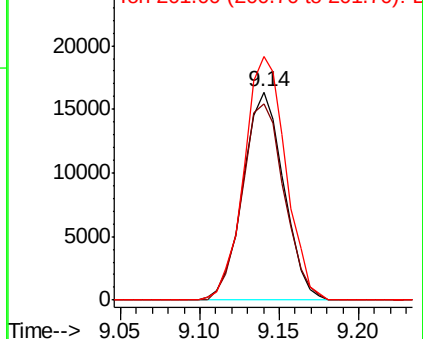


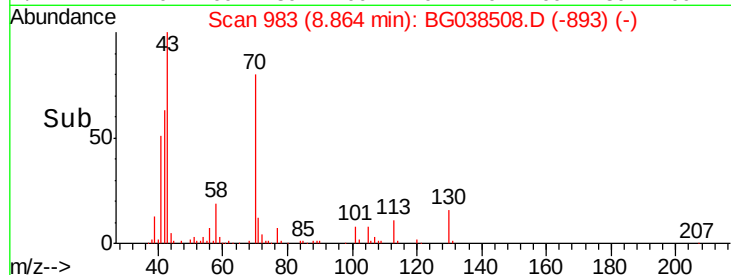
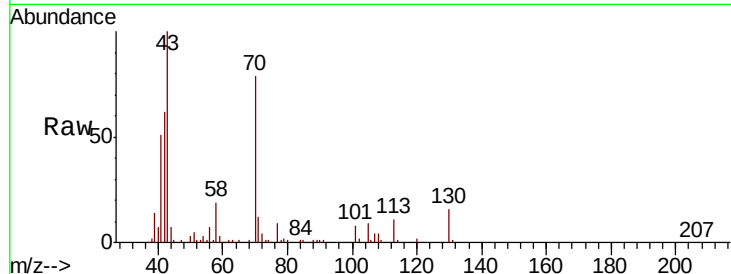
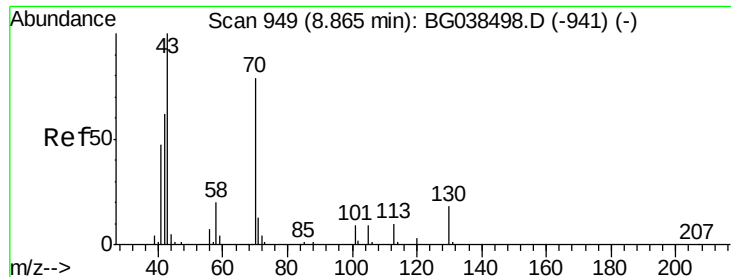
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

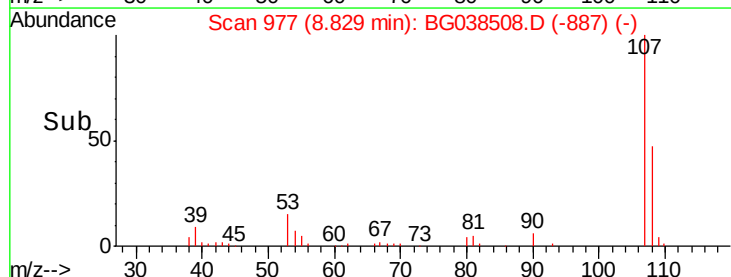
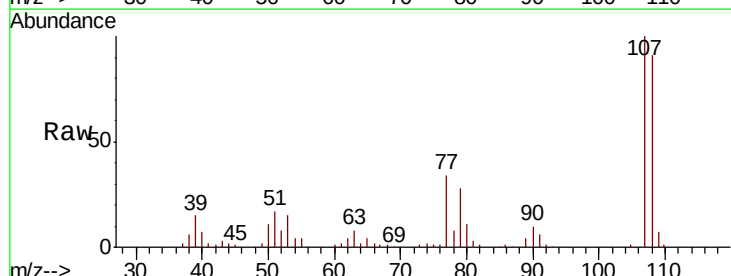
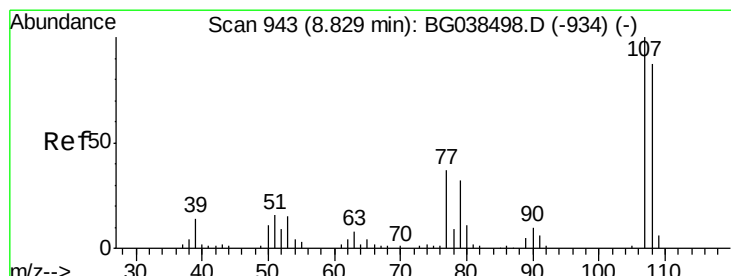
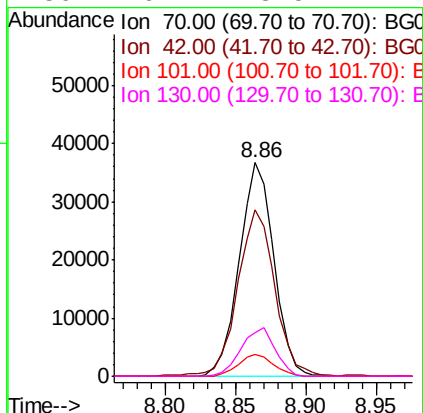




#19
n-Nitroso-di-n-propylamine
Concen: 44.507 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

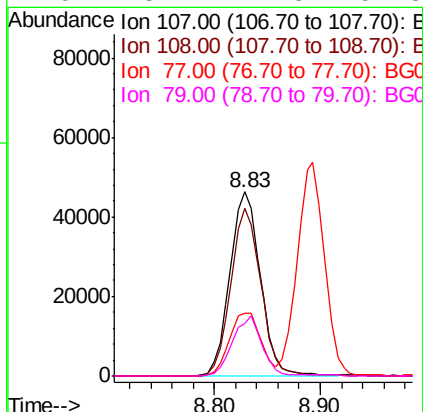
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

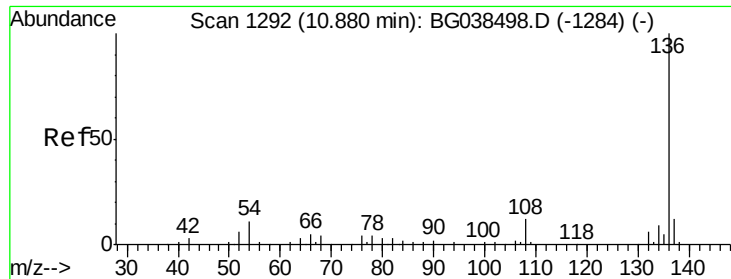
Tgt Ion:	70	Resp:	62681
Ion	Ratio	Lower	Upper
70	100		
42	78.2	63.6	95.4
101	10.2	9.2	13.8
130	20.2	18.5	27.7



#20
3+4-Methylphenols
Concen: 46.817 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:	107	Resp:	92283
Ion	Ratio	Lower	Upper
107	100		
108	91.4	66.7	106.7
77	33.8	17.3	57.3
79	28.2	12.3	52.3

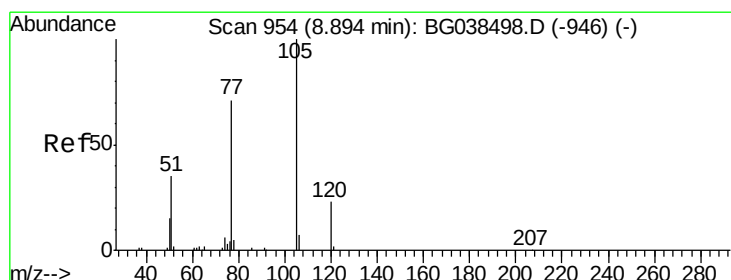
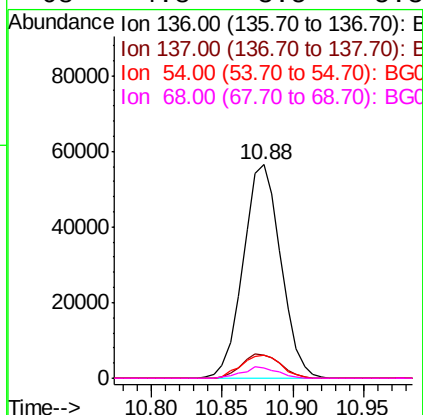
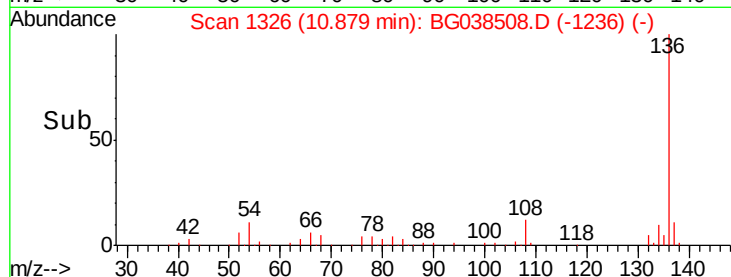
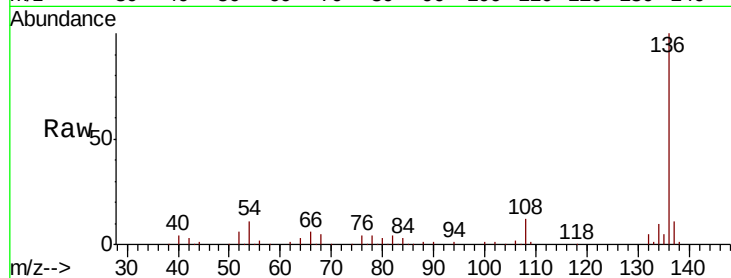




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

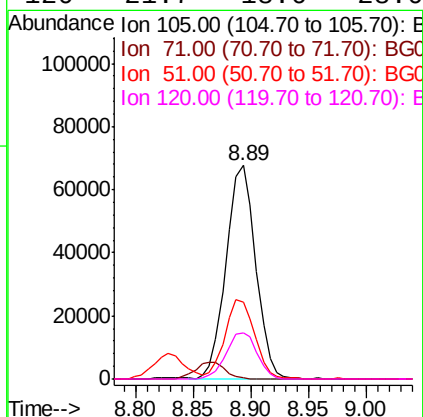
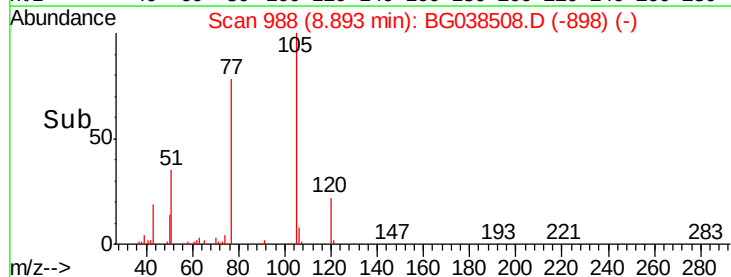
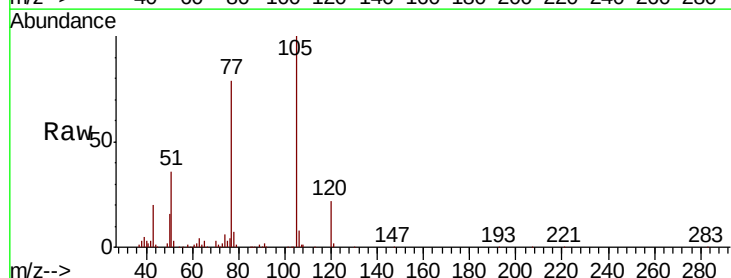
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

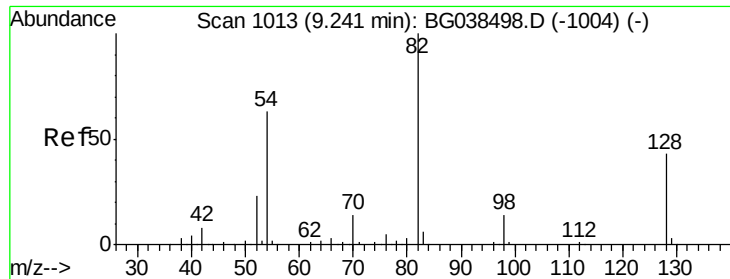
Tgt Ion:	136	Resp:	105132
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	10.7	8.5	12.7
68	4.8	3.5	5.3



#22
Acetophenone
Concen: 46.060 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:	105	Resp:	120953
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	35.9	30.6	46.0
120	21.7	18.6	28.0

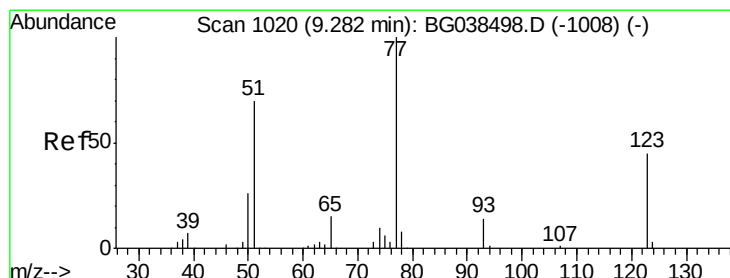
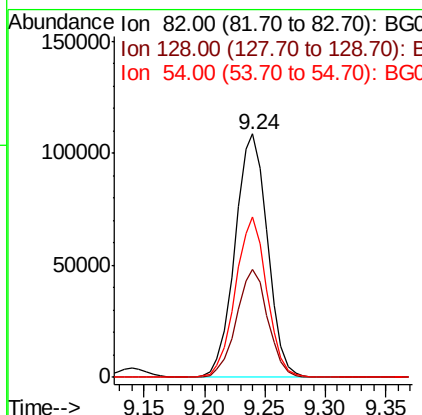
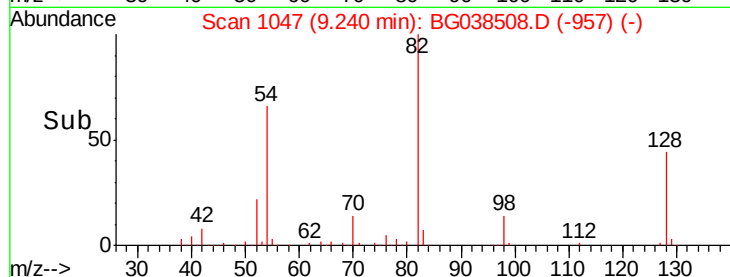
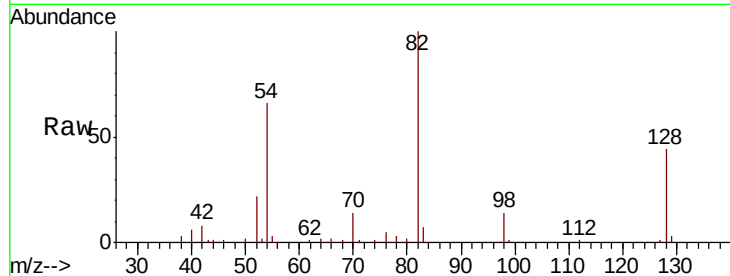




#23
 Nitrobenzene-d5
 Concen: 98.714 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

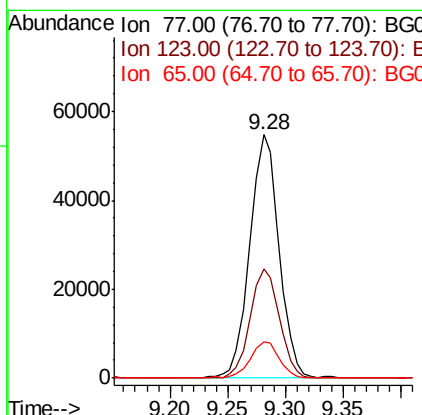
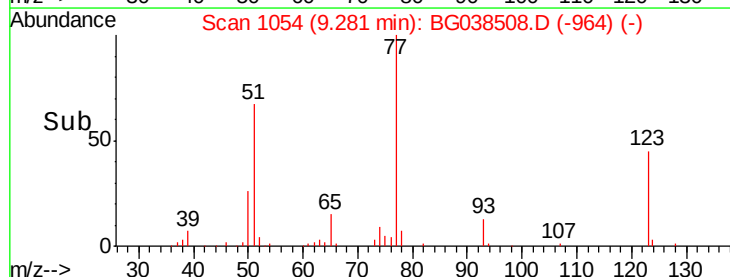
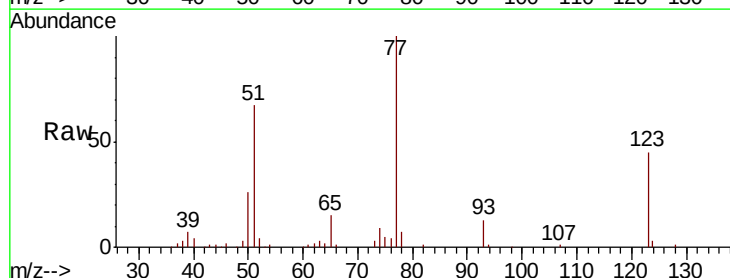
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

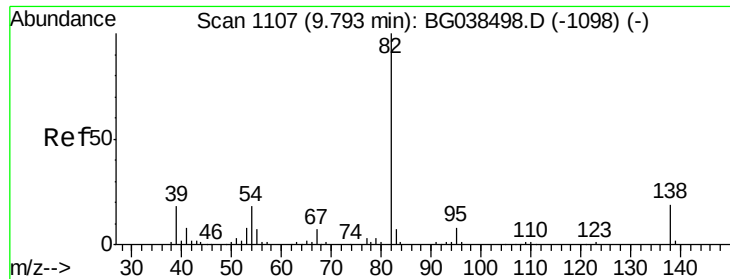
Tgt Ion: 82 Resp: 203143
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 66.0 50.6 76.0



#24
 Nitrobenzene
 Concen: 46.644 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion: 77 Resp: 97105
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.9 53.9
 65 14.9 12.0 18.0

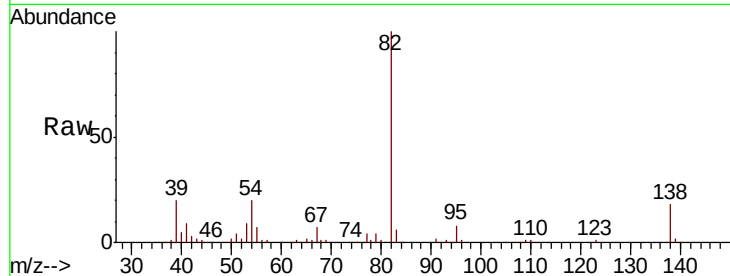




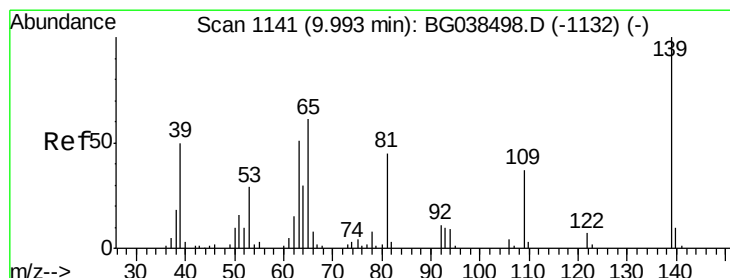
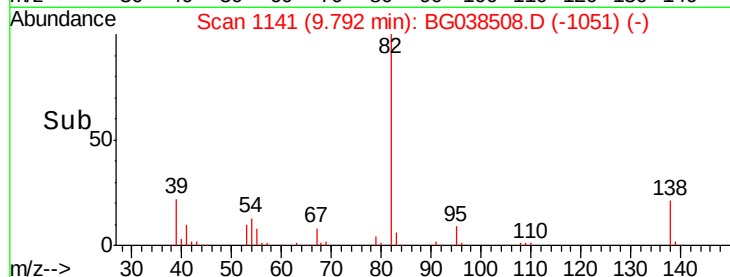
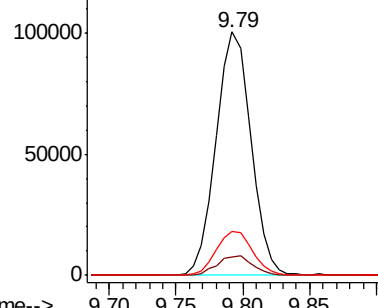
#25
Isophorone
Concen: 49.242 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion: 82 Resp: 182068
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.8 14.9 22.3

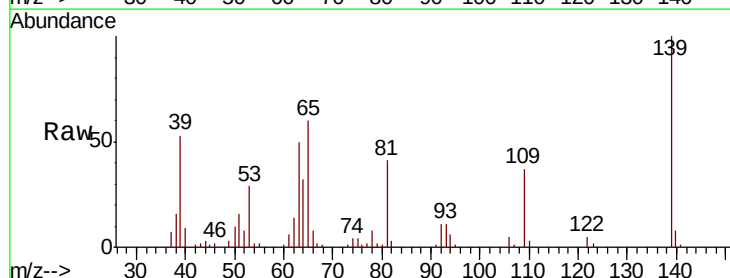


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

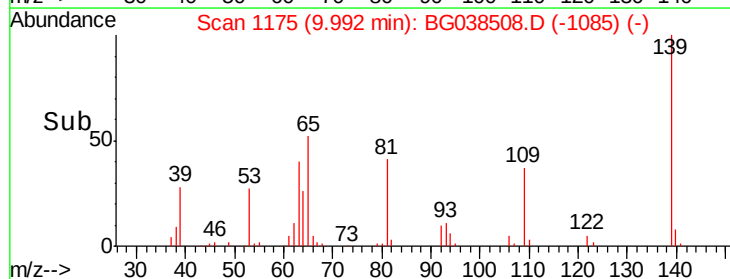
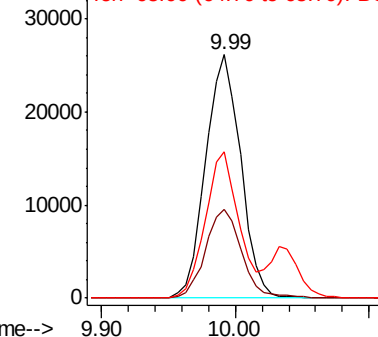


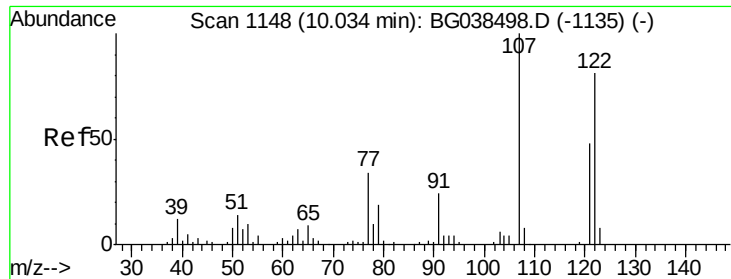
#26
2-Nitrophenol
Concen: 44.628 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion: 139 Resp: 47552
Ion Ratio Lower Upper
139 100
109 36.6 29.5 44.3
65 59.9 48.5 72.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

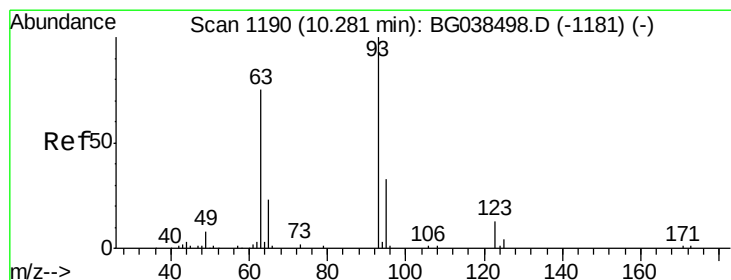
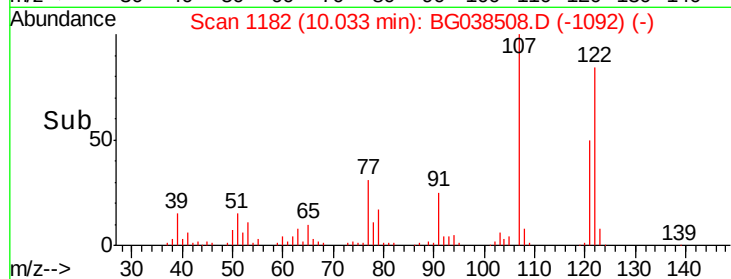
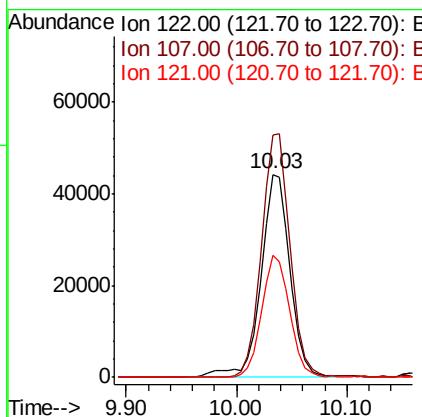
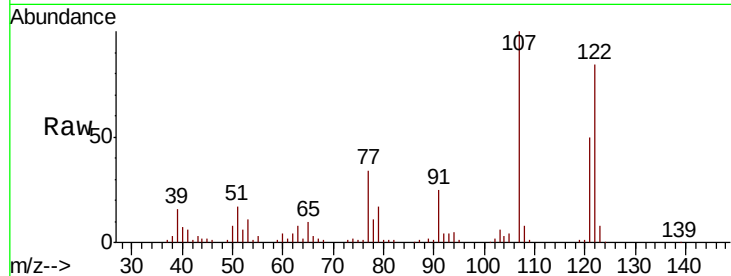




#27
 2,4-Dimethylphenol
 Concen: 53.328 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

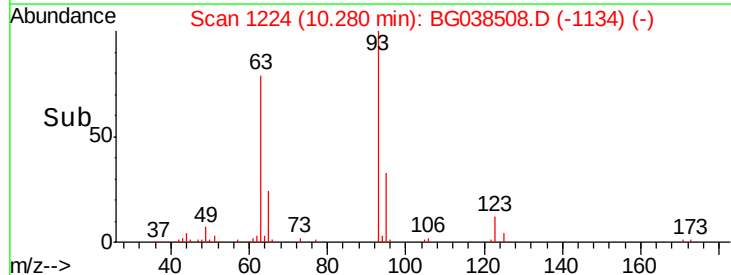
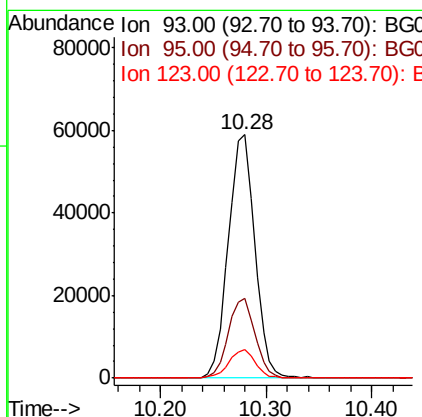
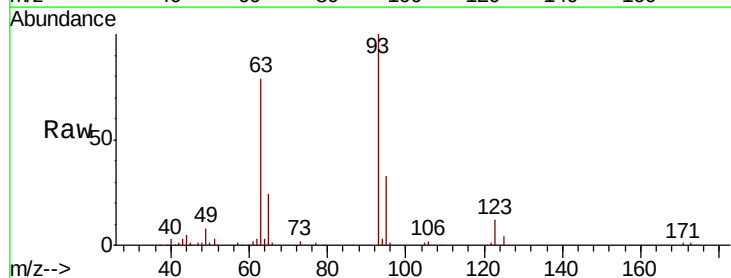
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

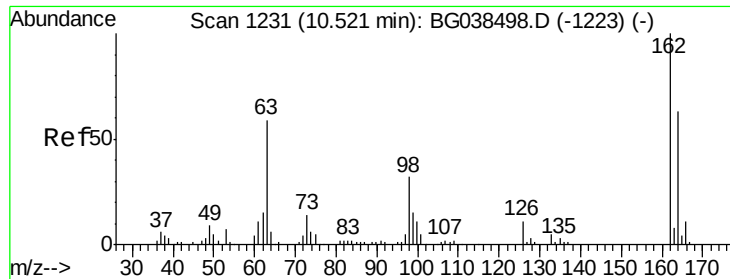
Tgt Ion: 122 Resp: 81435
 Ion Ratio Lower Upper
 122 100
 107 119.5 98.4 147.6
 121 60.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.009 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion: 93 Resp: 102262
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 40.0
 123 11.5 10.6 16.0

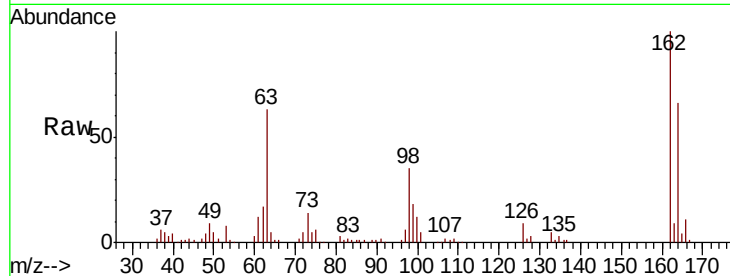




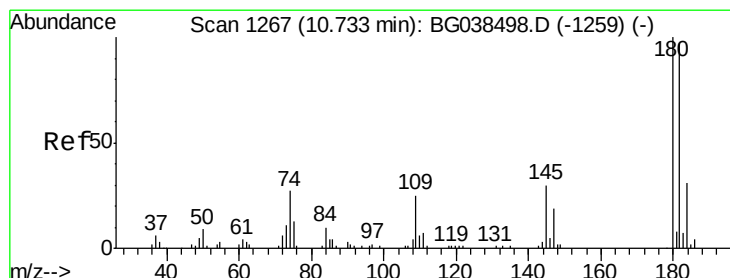
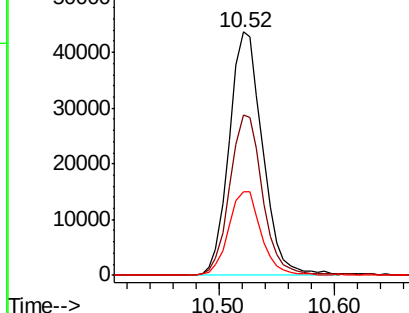
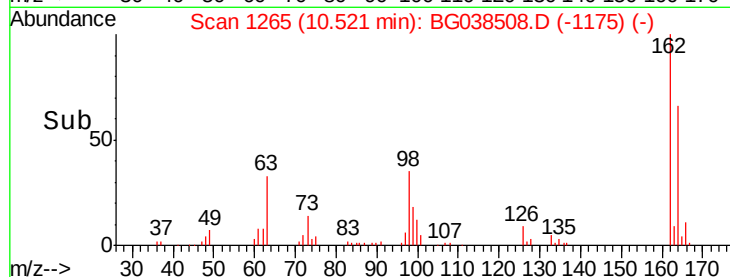
#29
 2,4-Dichlorophenol
 Concen: 51.522 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.9	82.9
98	34.5	12.1	52.1

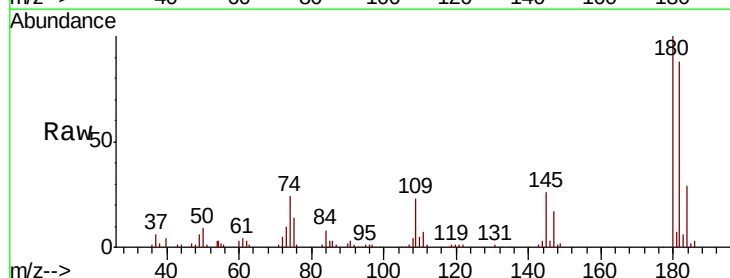


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

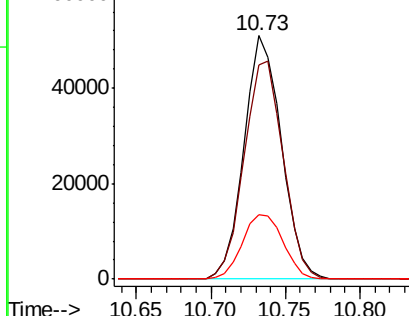
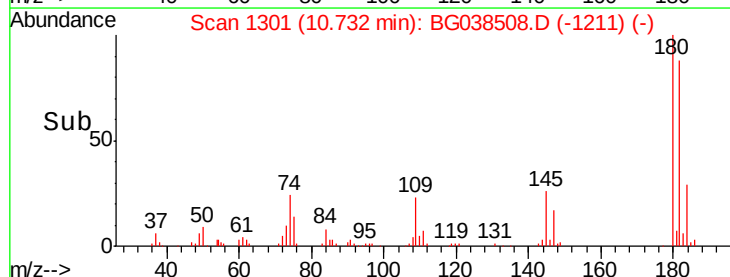


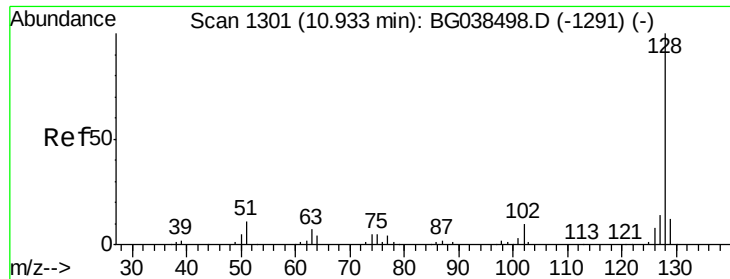
#30
 1,2,4-Trichlorobenzene
 Concen: 43.027 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.8	77.4	116.0
145	26.5	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

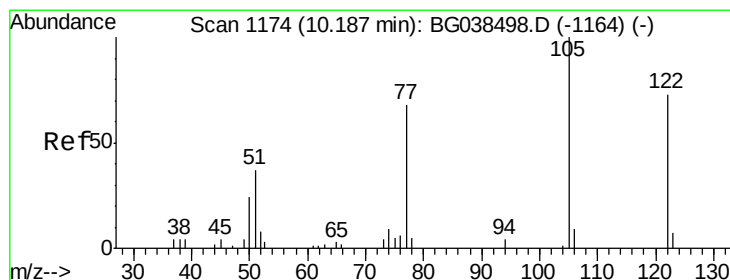
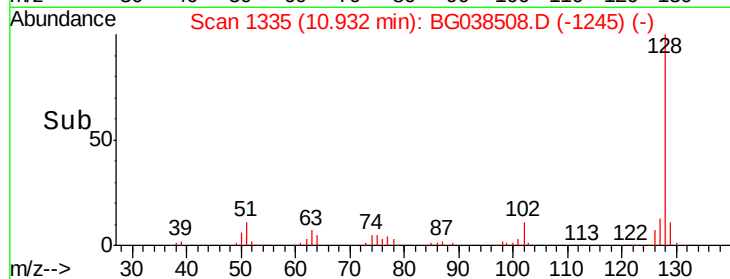
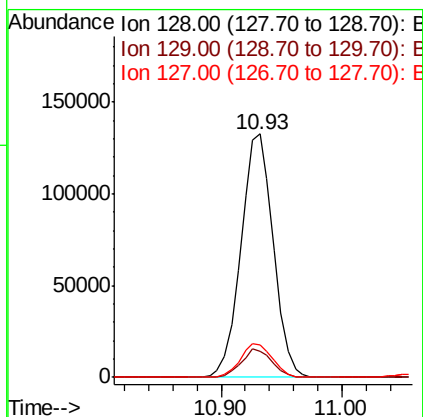
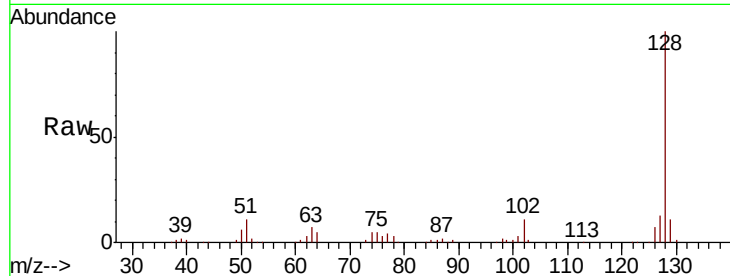




#31
Naphthalene
Concen: 47.472 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

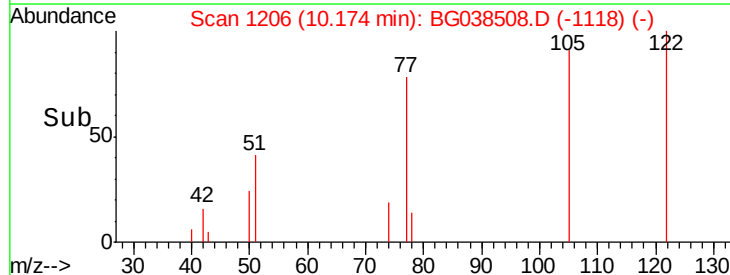
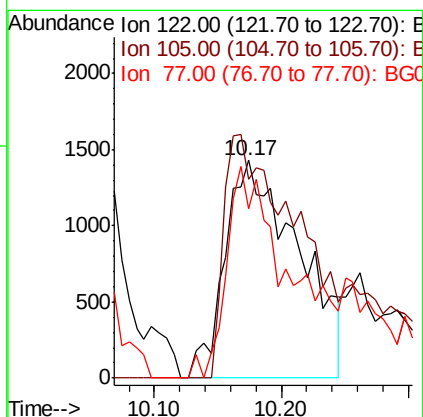
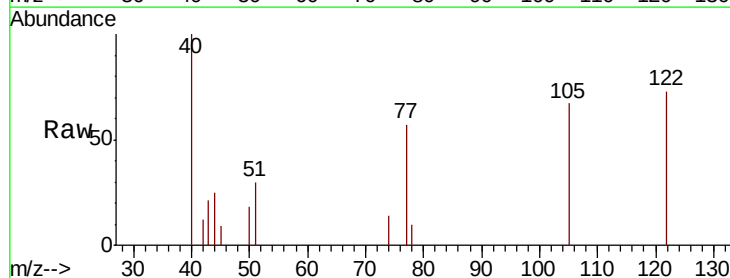
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

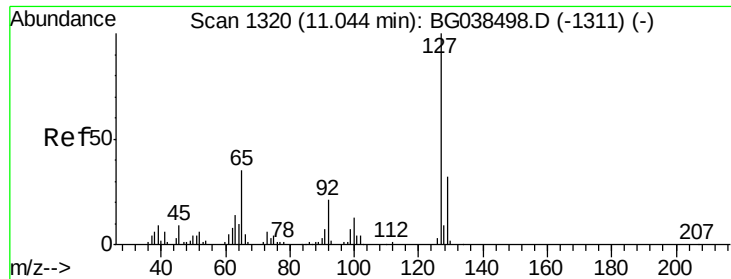
Tgt Ion:128 Resp: 245900
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 14.839 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:122 Resp: 5753
Ion Ratio Lower Upper
122 100
105 91.5 116.7 156.7#
77 77.8 72.5 112.5

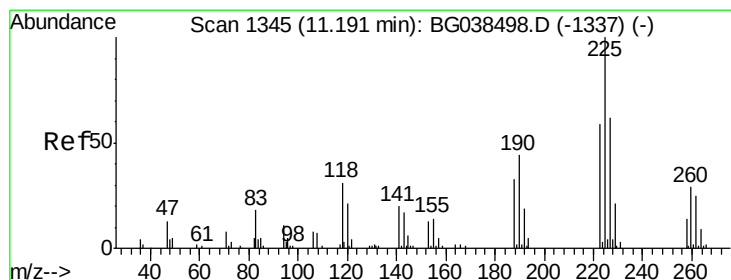
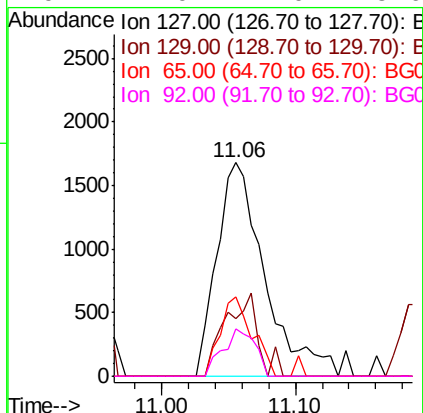
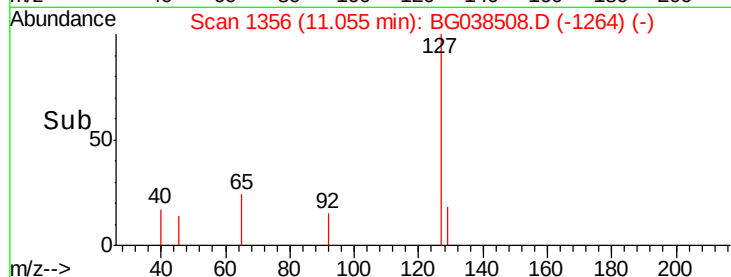
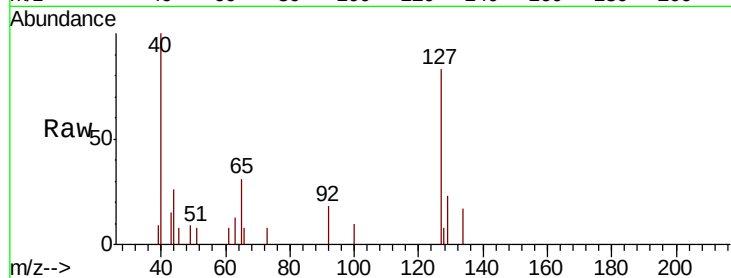




#33
4-Chloroaniline
Concen: 1.862 ng
RT: 11.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

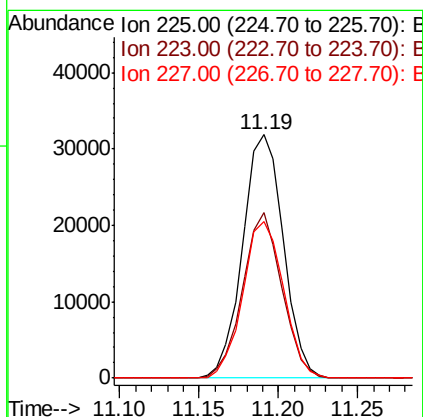
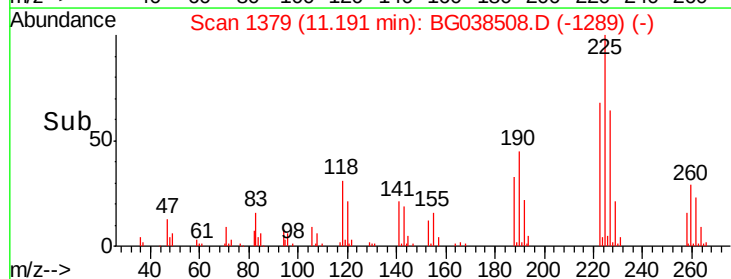
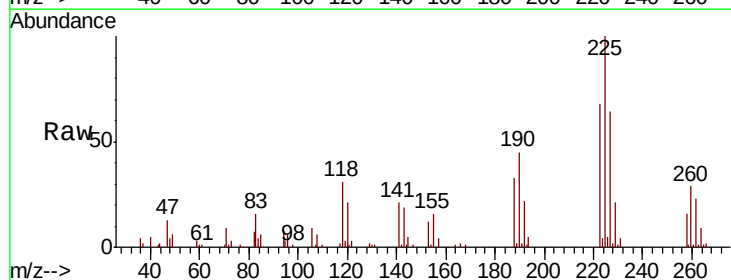
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

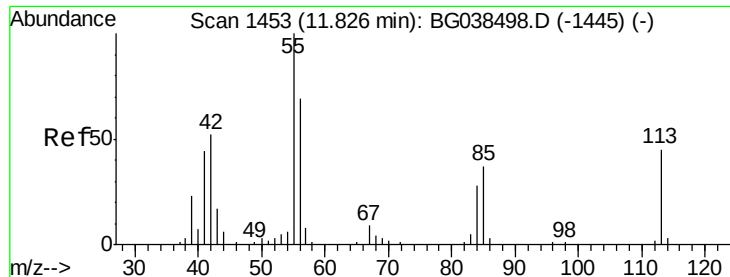
Tgt Ion:	127	Resp:	4187
Ion	Ratio	Lower	Upper
127	100		
129	27.2	25.8	38.8
65	37.1	27.8	41.6
92	22.0	17.0	25.6



#34
Hexachlorobutadiene
Concen: 40.958 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:	225	Resp:	56871
Ion	Ratio	Lower	Upper
225	100		
223	68.1	45.0	67.6#
227	60.8	50.6	75.8

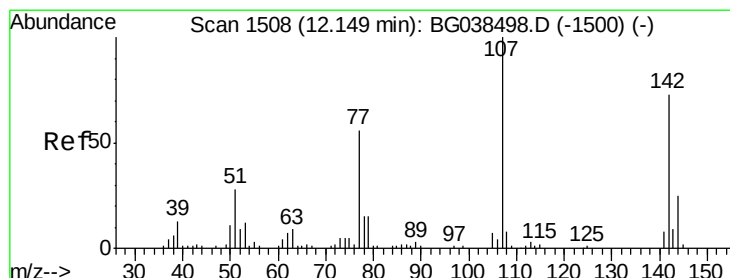
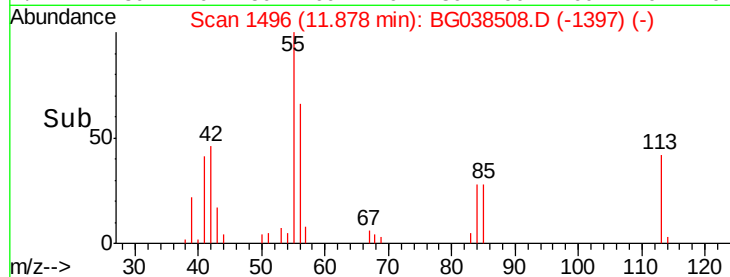
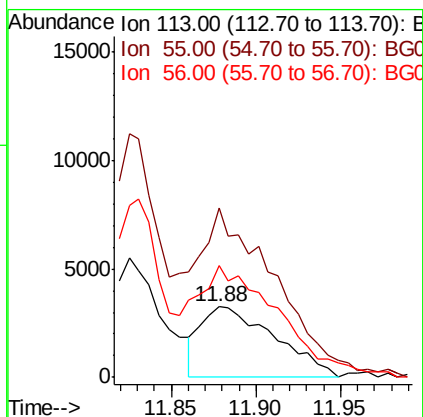
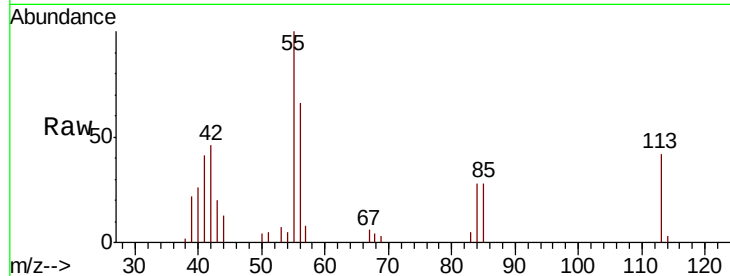




#35
 Caprolactam
 Concen: 14.042 ng
 RT: 11.88 min Scan# 1496
 Delta R.T. 0.05 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

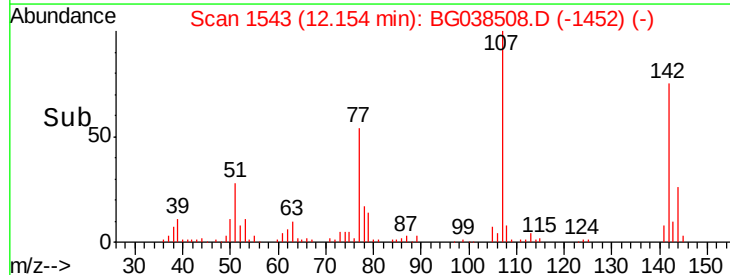
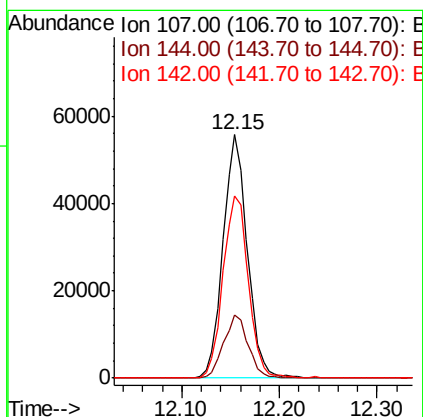
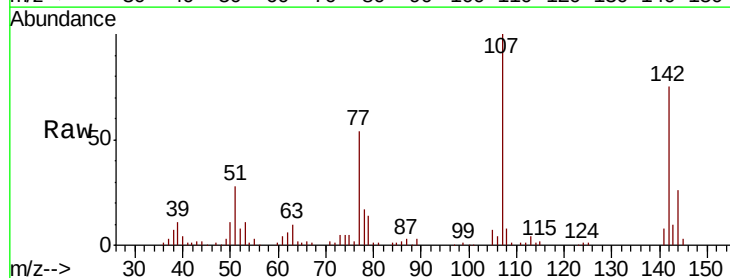
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

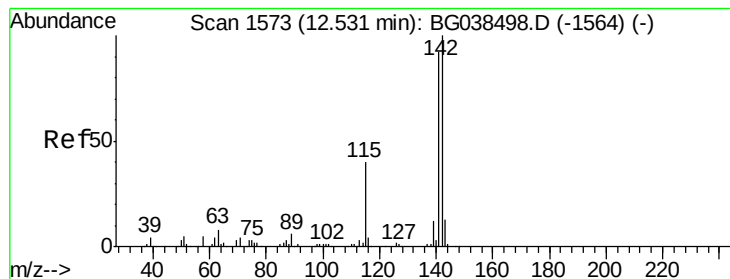
Tgt Ion:113 Resp: 9872
 Ion Ratio Lower Upper
 113 100
 55 240.4 204.3 244.3
 56 159.4 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.568 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:107 Resp: 96095
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 74.9 58.7 88.1





#37

2-Methylnaphthalene

Concen: 50.193 ng

RT: 12.53 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

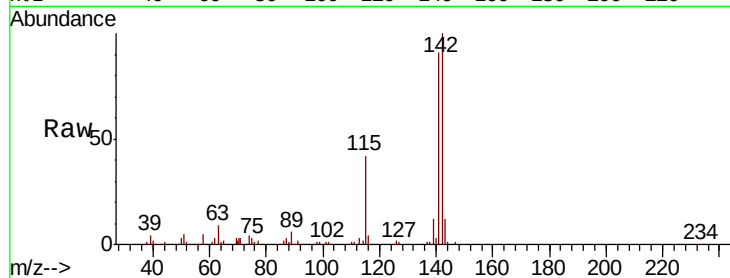
Tgt Ion:142 Resp: 185485

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3

115 41.8 31.7 47.5

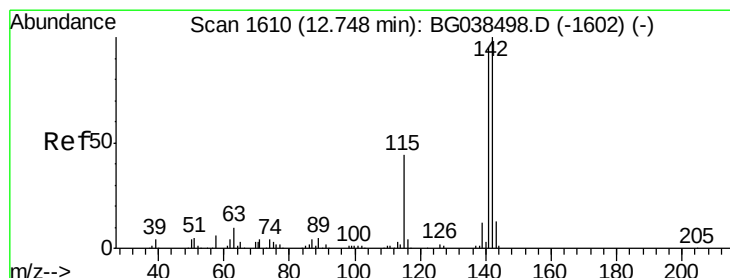
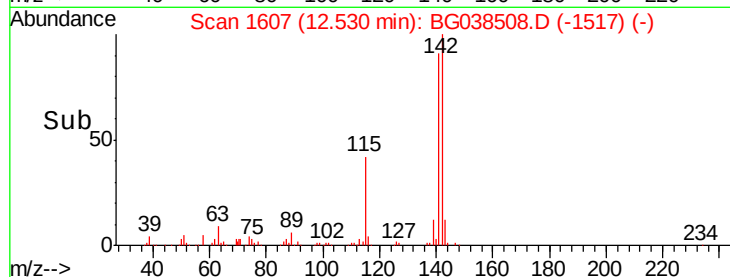
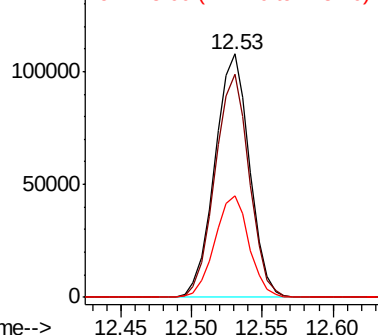


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.933 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

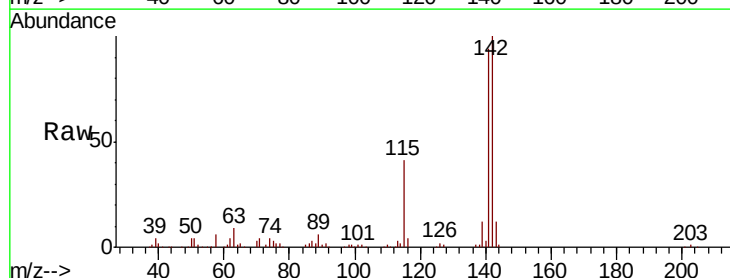
Tgt Ion:142 Resp: 179059

Ion Ratio Lower Upper

142 100

141 93.9 75.8 113.8

116 4.5 3.6 5.4

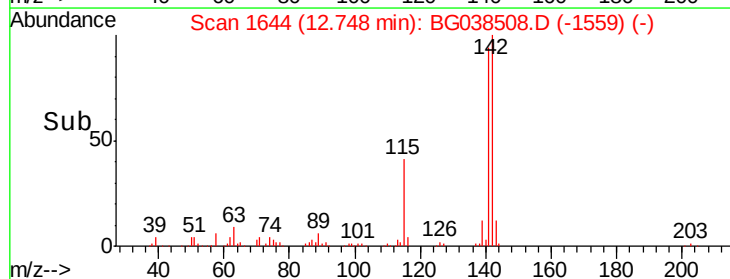
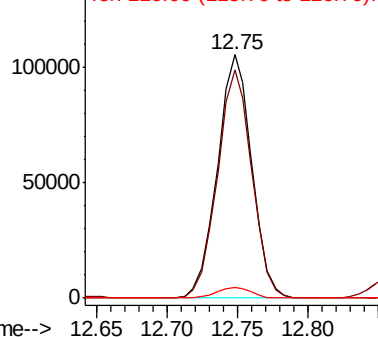


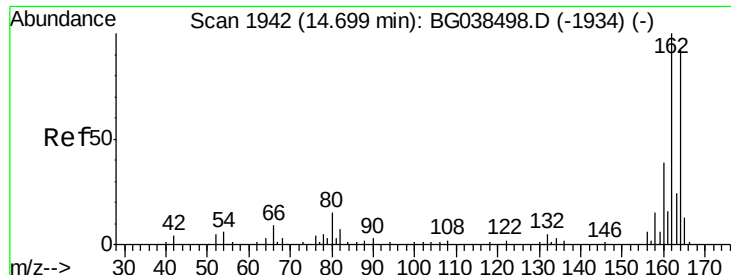
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

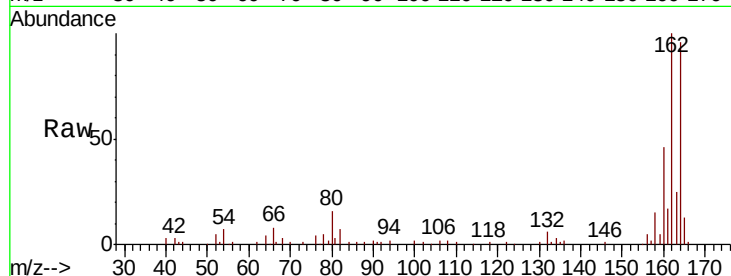
Tgt Ion:164 Resp: 70055

Ion Ratio Lower Upper

164 100

162 103.8 86.6 130.0

160 47.6 34.2 51.2

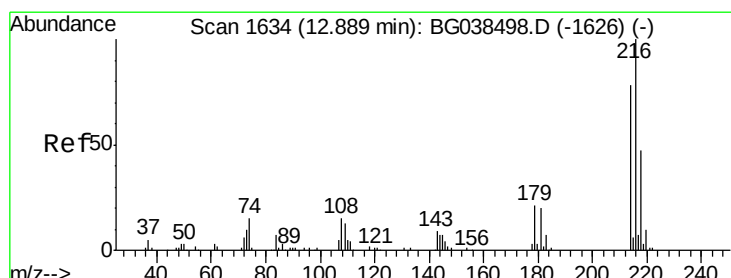
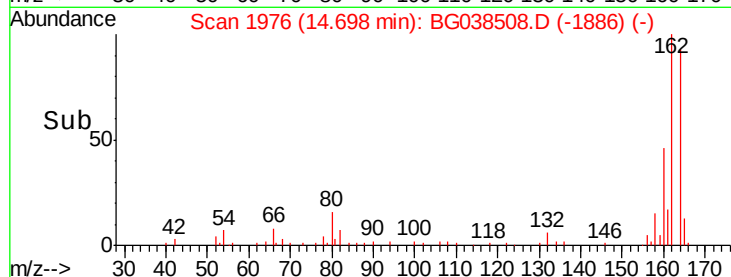
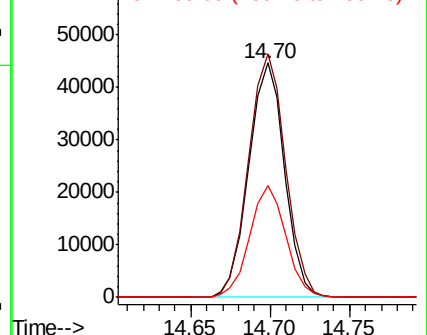


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.788 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion:216 Resp: 109427

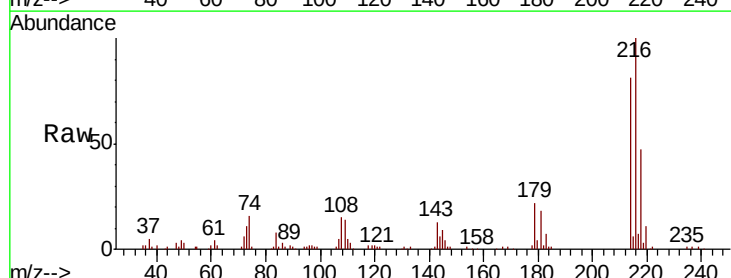
Ion Ratio Lower Upper

216 100

214 81.1 64.1 96.1

179 20.6 16.4 24.6

108 18.5 13.9 20.9



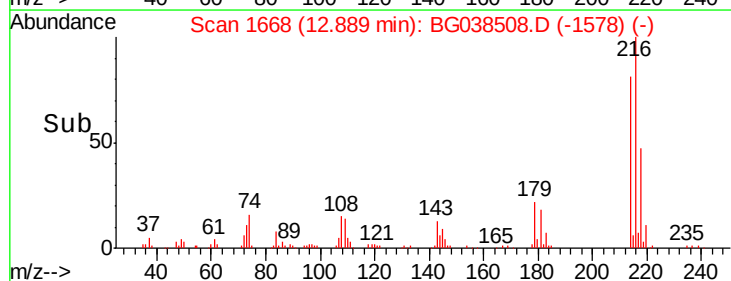
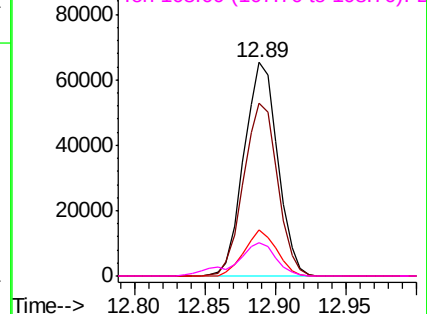
Abundance

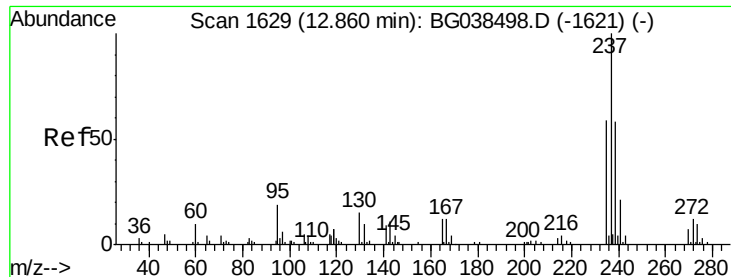
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

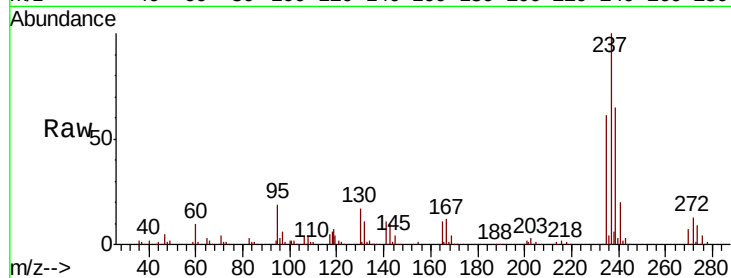




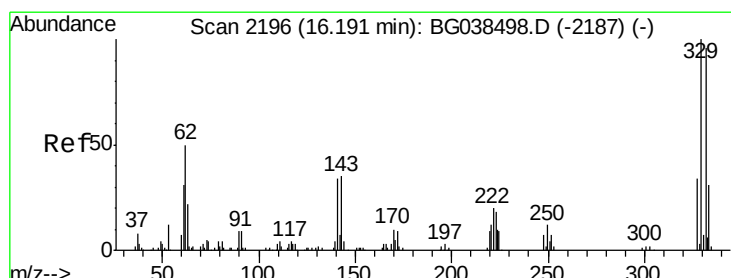
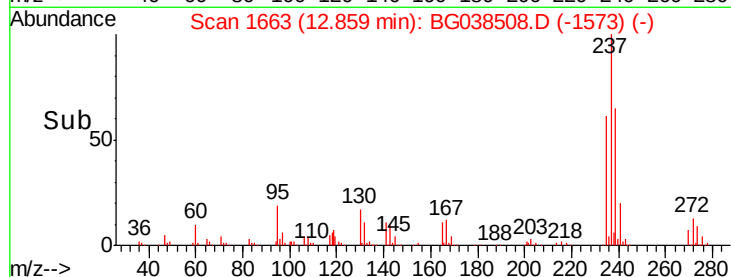
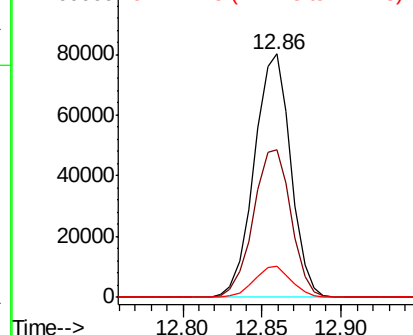
#41
Hexachlorocyclopentadiene
Concen: 89.083 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion: 237 Resp: 128160
Ion Ratio Lower Upper
237 100
235 60.7 38.8 78.8
272 12.8 0.0 32.0

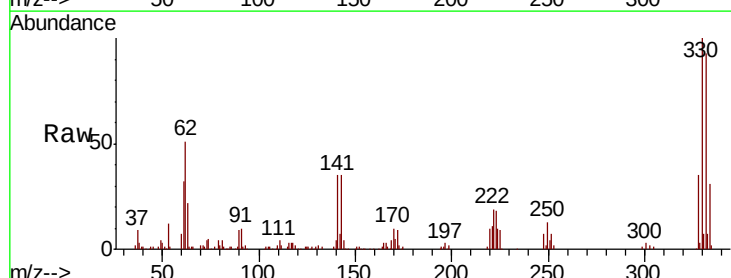


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

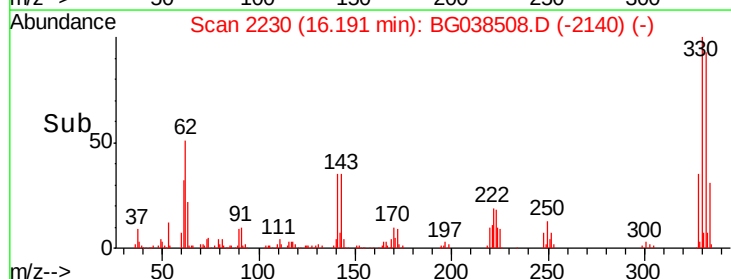
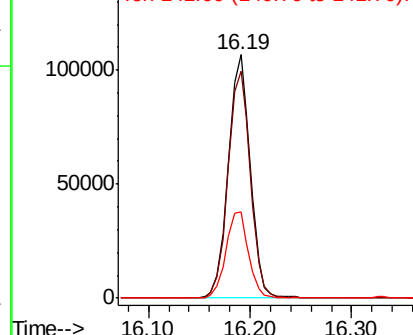


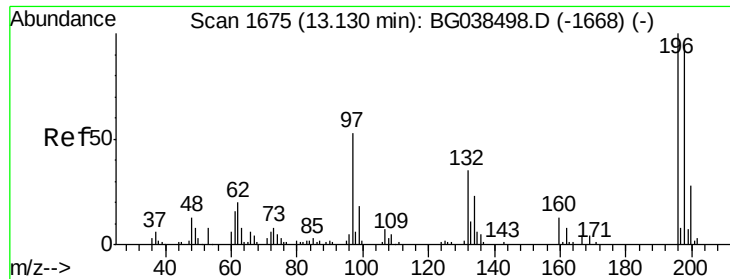
#42
2,4,6-Tribromophenol
Concen: 166.221 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion: 330 Resp: 160484
Ion Ratio Lower Upper
330 100
332 94.8 76.9 115.3
141 36.2 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

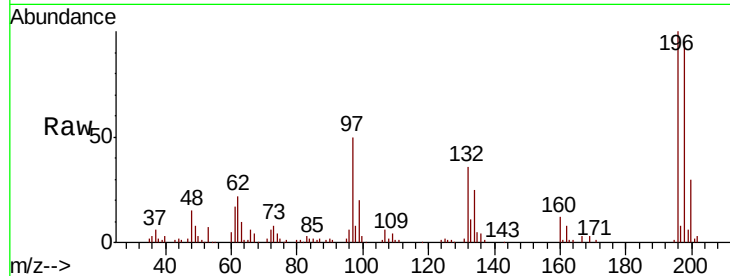




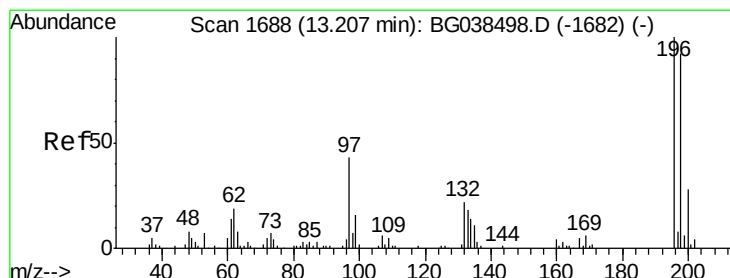
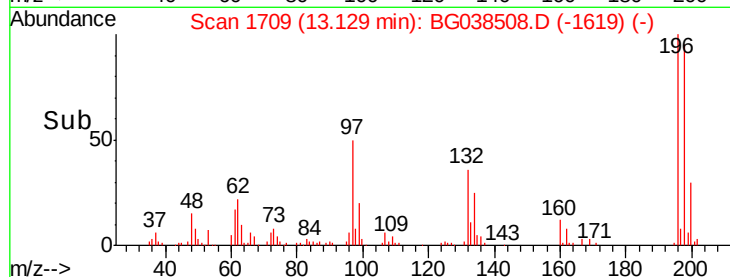
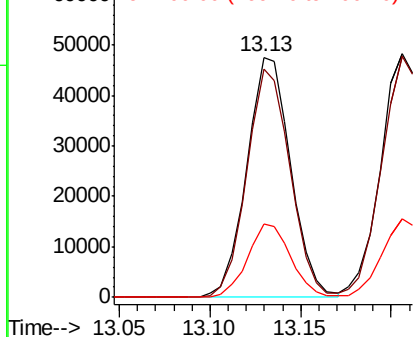
#43
 2,4,6-Trichlorophenol
 Concen: 49.717 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tgt Ion:196 Resp: 80049
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.0 112.4
 200 30.3 22.4 33.6

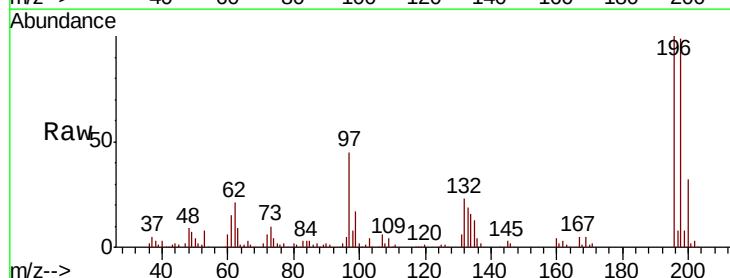


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

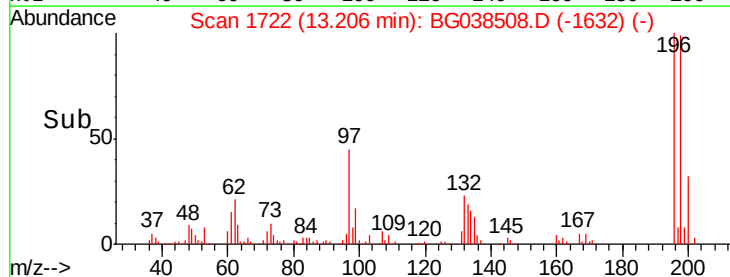
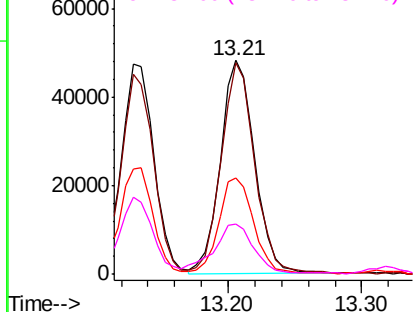


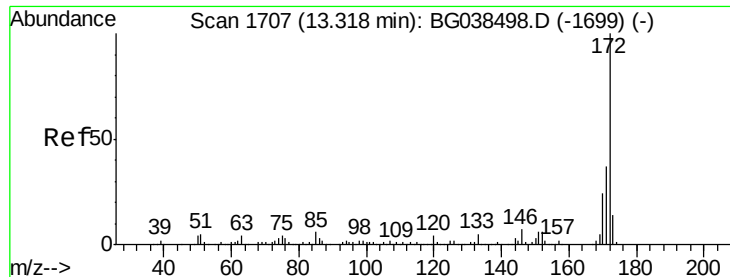
#44
 2,4,5-Trichlorophenol
 Concen: 50.594 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:196 Resp: 86249
 Ion Ratio Lower Upper
 196 100
 198 99.0 74.0 111.0
 97 44.7 35.1 52.7
 132 23.4 18.0 27.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

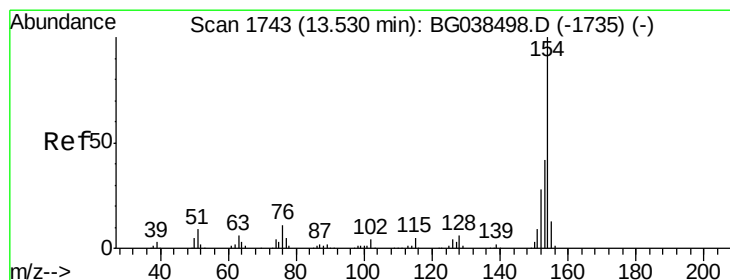
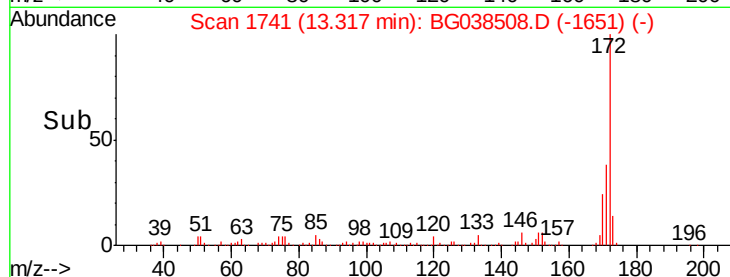
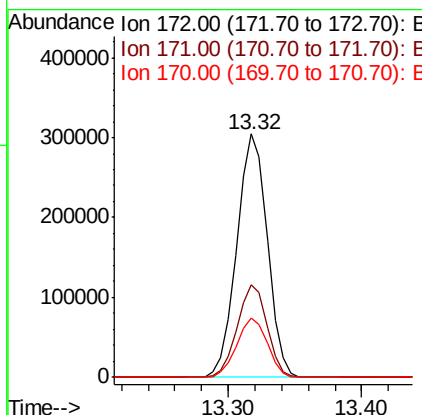
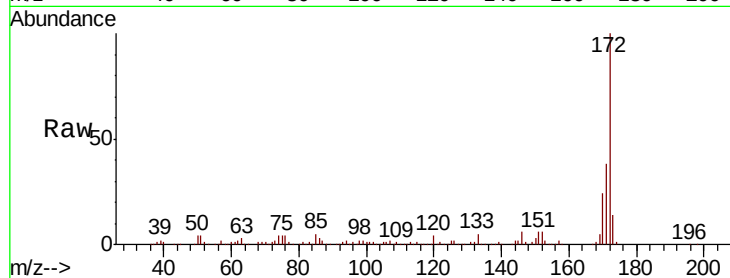




#45
 2-Fluorobiphenyl
 Concen: 94.188 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

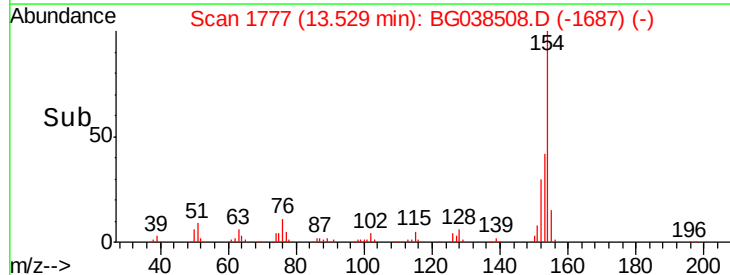
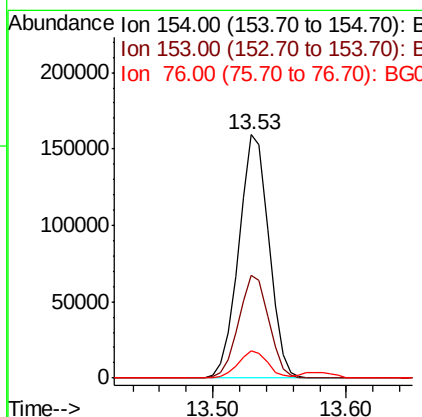
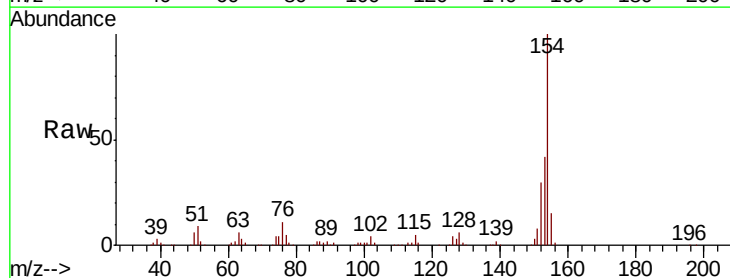
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

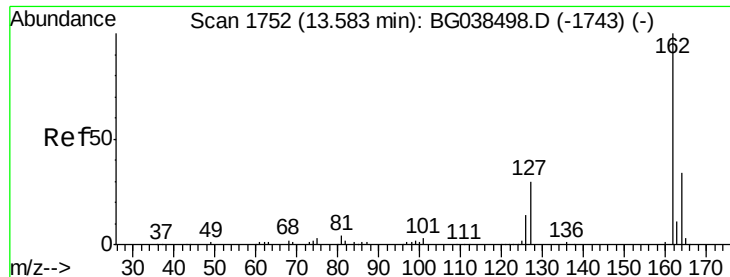
Tgt Ion:172 Resp: 480983
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 24.5 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 42.262 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:154 Resp: 248200
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.1 62.1
 76 11.3 0.0 31.2

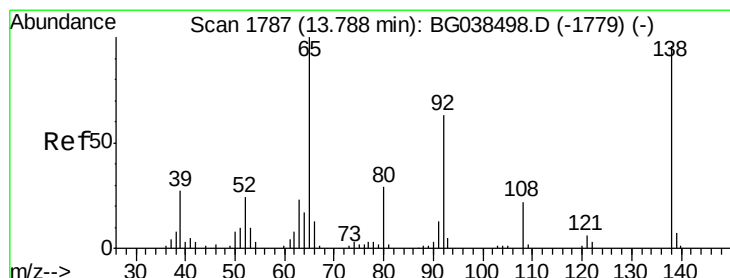
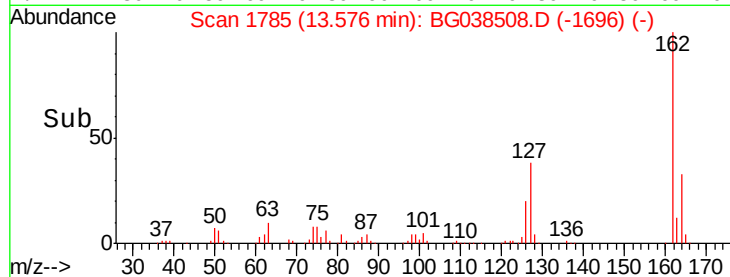
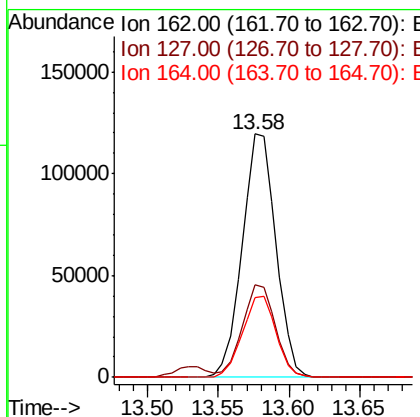
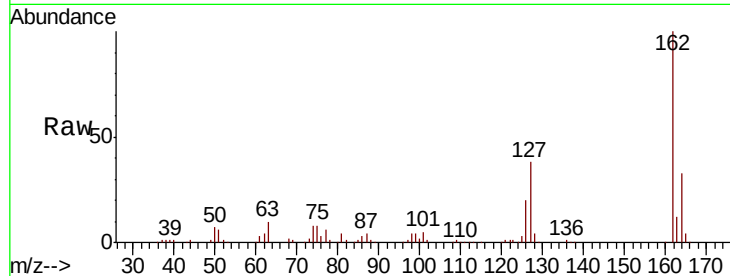




#47
 2-Chloronaphthalene
 Concen: 44.041 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

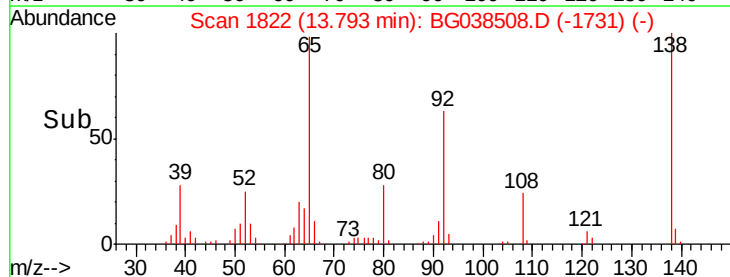
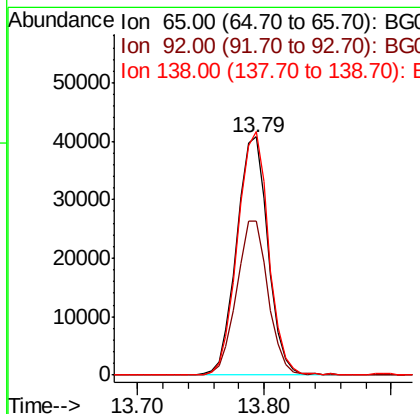
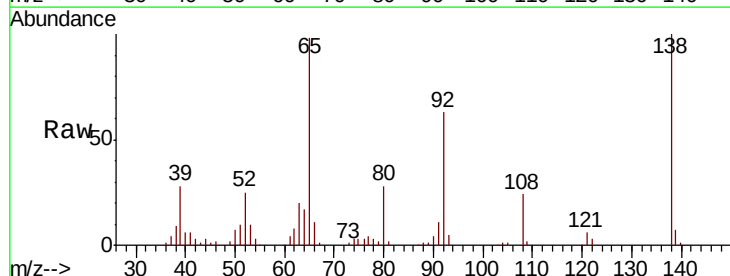
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

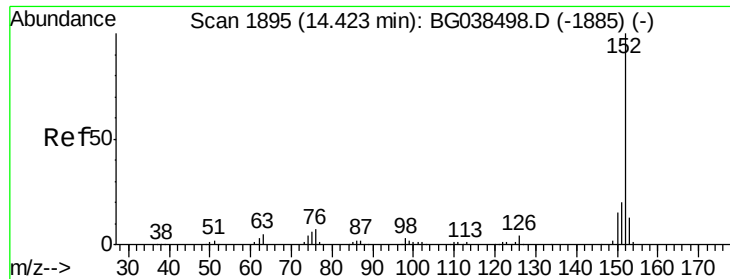
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	27.8	41.8
164	32.7	26.9	40.3



#48
 2-Nitroaniline
 Concen: 48.417 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	50.0	75.0
138	102.2	76.9	115.3





#49

Acenaphthylene

Concen: 48.888 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

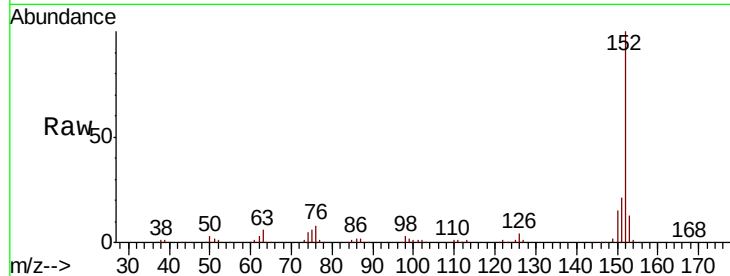
Tgt Ion:152 Resp: 331550

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

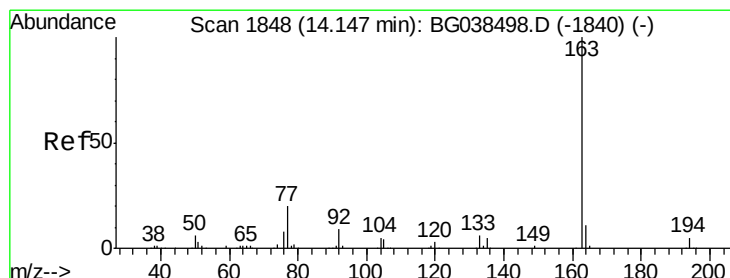
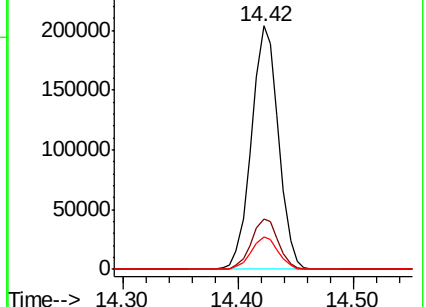
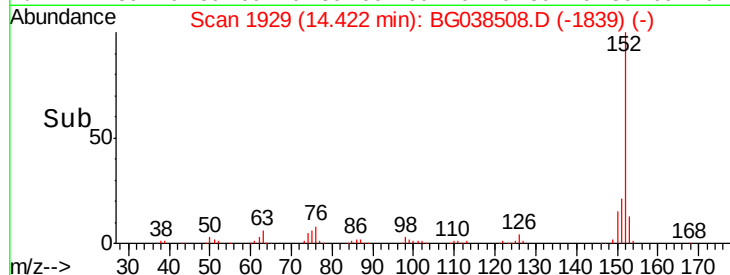
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.861 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

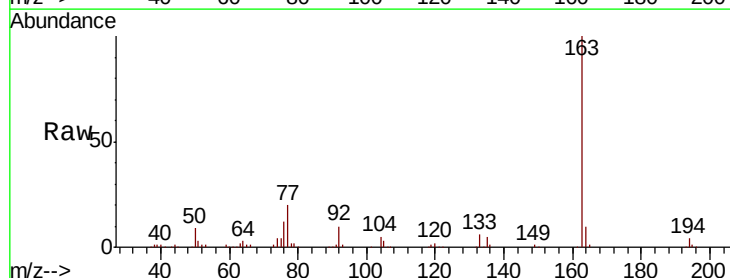
Tgt Ion:163 Resp: 285251

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

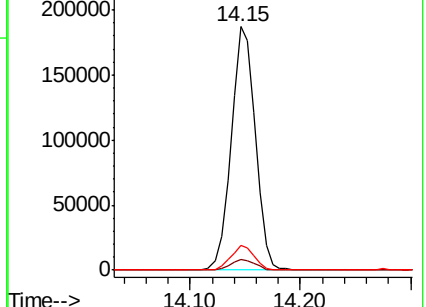
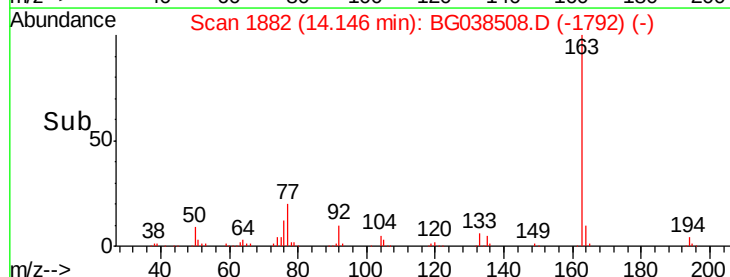
164 10.2 8.6 12.8

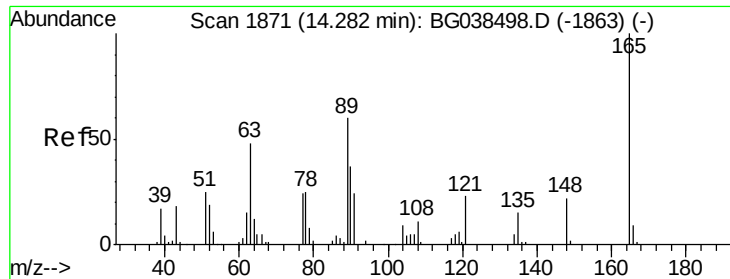


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

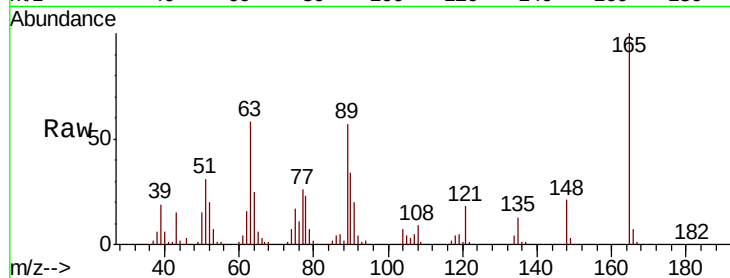




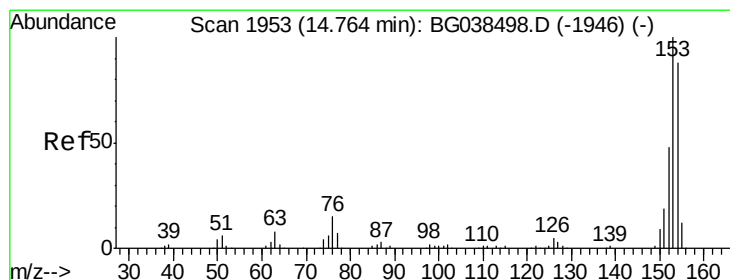
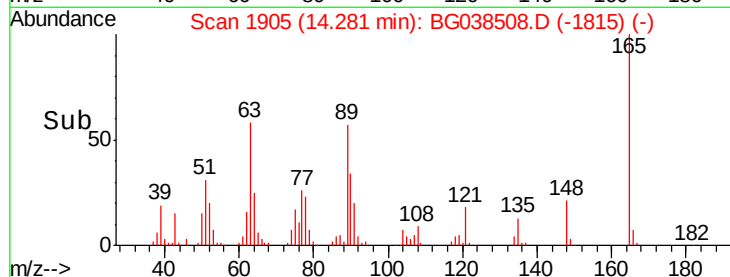
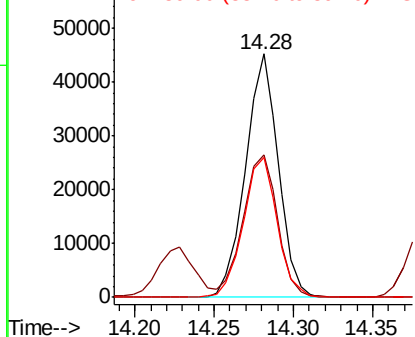
#51
2,6-Dinitrotoluene
Concen: 50.046 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion:165 Resp: 64882
Ion Ratio Lower Upper
165 100
63 58.3 51.8 77.6
89 57.3 47.9 71.9

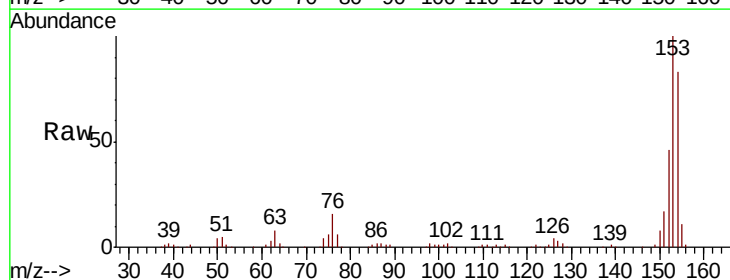


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

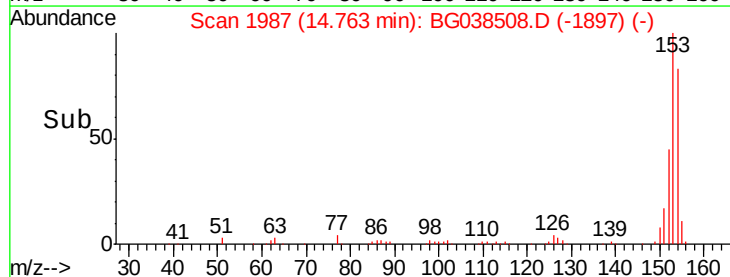
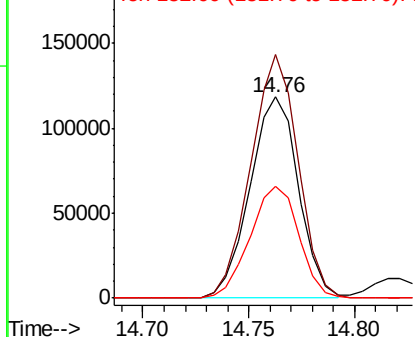


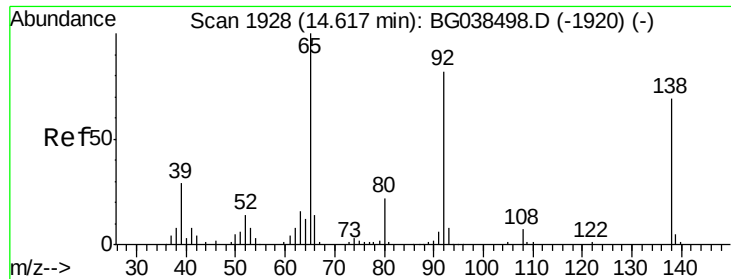
#52
Acenaphthene
Concen: 46.642 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:154 Resp: 189147
Ion Ratio Lower Upper
154 100
153 121.1 90.6 136.0
152 55.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

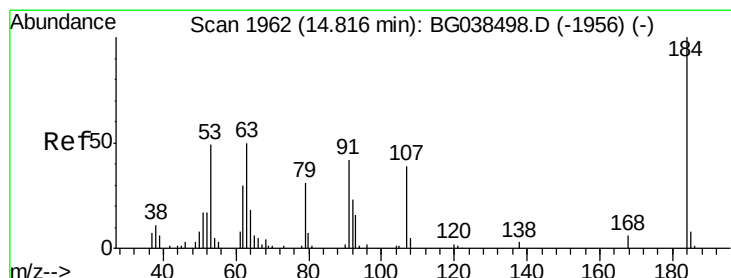
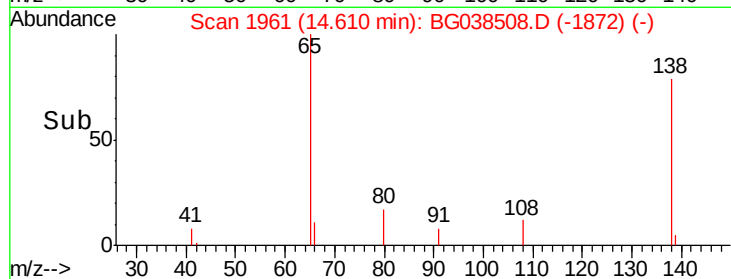
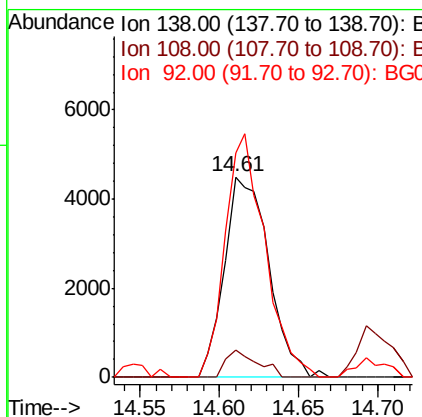
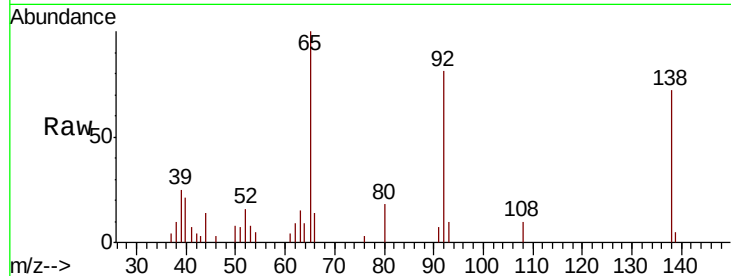




#53
 3-Nitroaniline
 Concen: 6.612 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

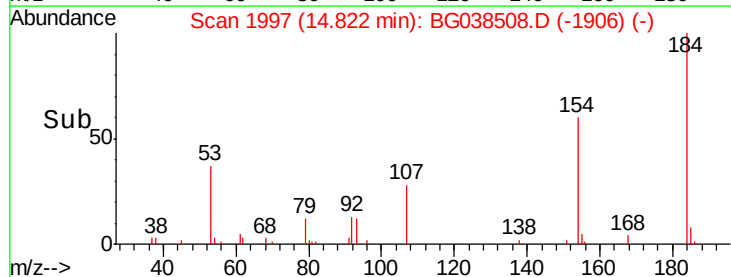
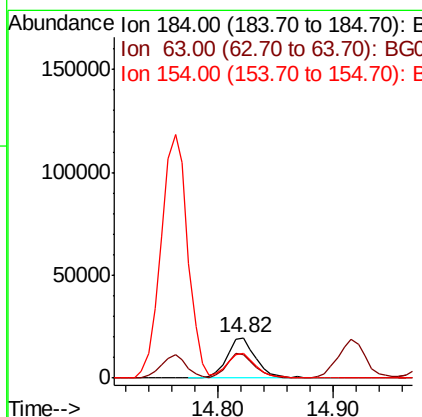
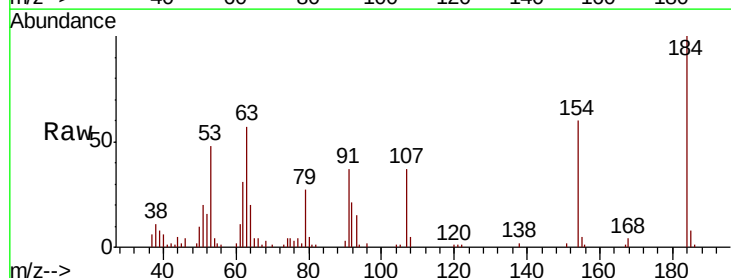
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

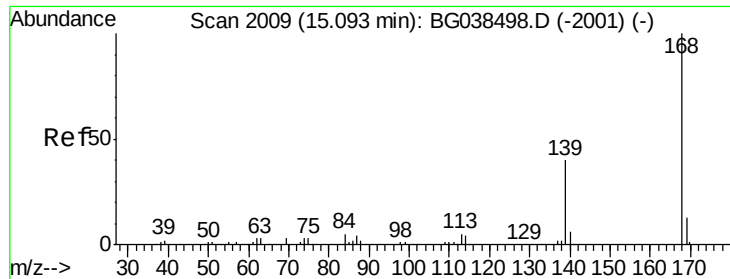
Tgt Ion:138 Resp: 8738
 Ion Ratio Lower Upper
 138 100
 108 13.9 7.9 11.9#
 92 111.7 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 45.787 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:184 Resp: 33492
 Ion Ratio Lower Upper
 184 100
 63 57.0 47.0 70.6
 154 60.3 50.3 75.5

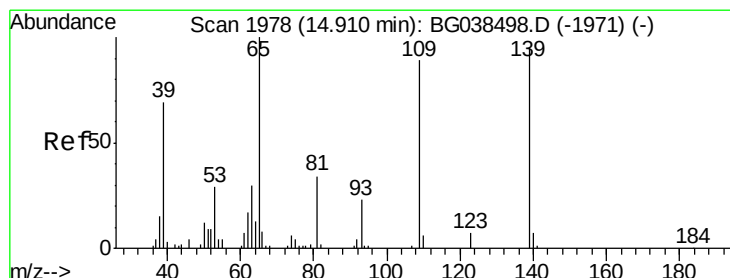
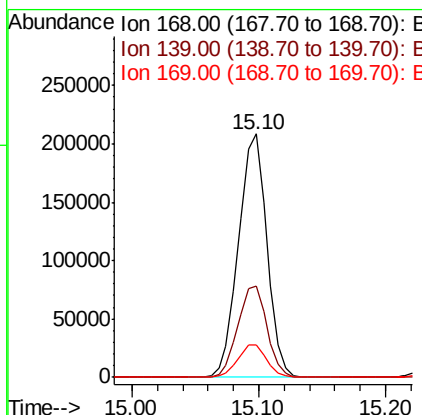
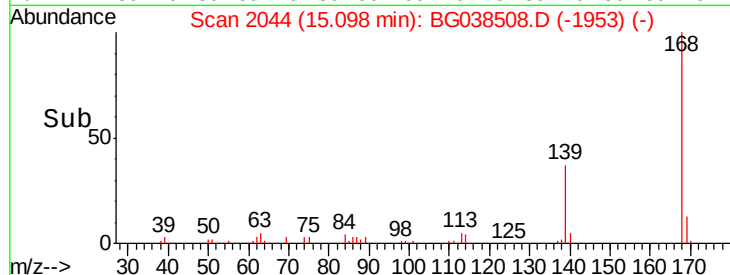
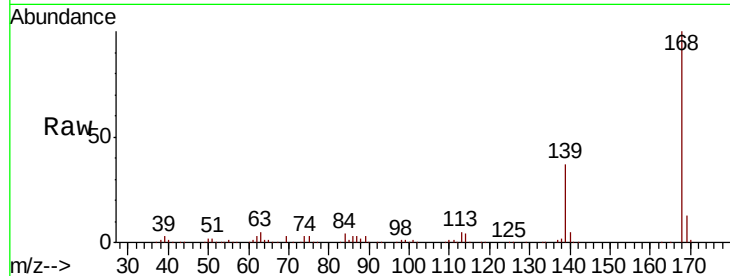




#55
Dibenzenofuran
Concen: 46.517 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

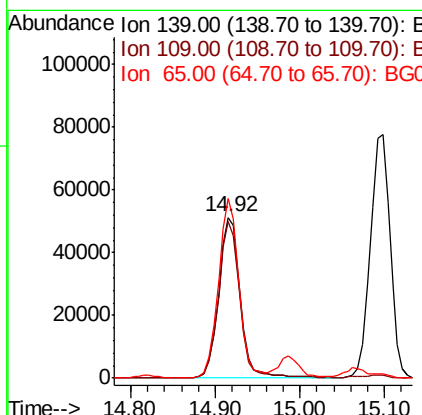
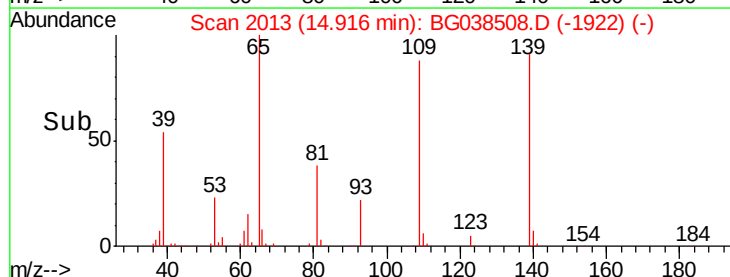
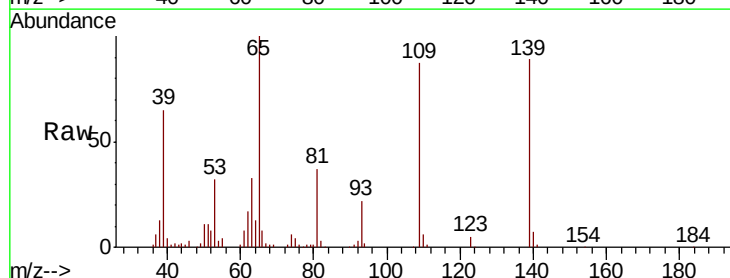
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

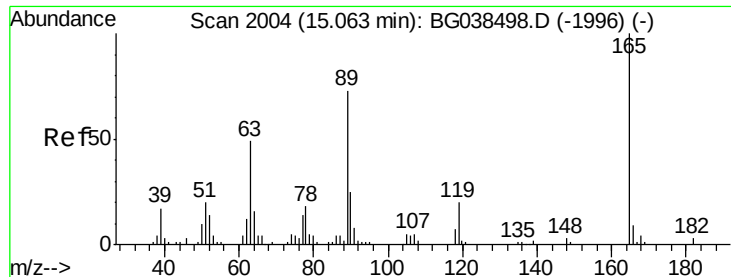
Tgt Ion:	168	Resp:	323361
Ion	Ratio	Lower	Upper
168	100		
139	37.2	32.2	48.2
169	13.4	10.6	16.0



#56
4-Nitrophenol
Concen: 91.577 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:	139	Resp:	91814
Ion	Ratio	Lower	Upper
139	100		
109	97.2	73.6	113.6
65	111.9	84.8	124.8

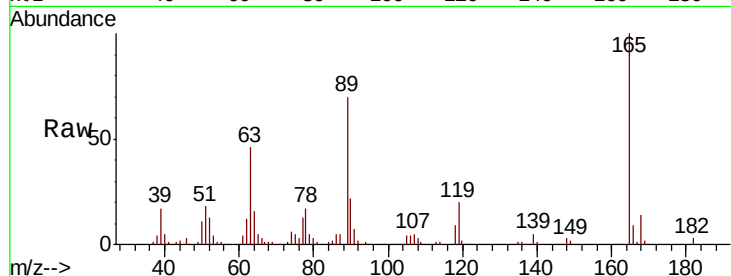




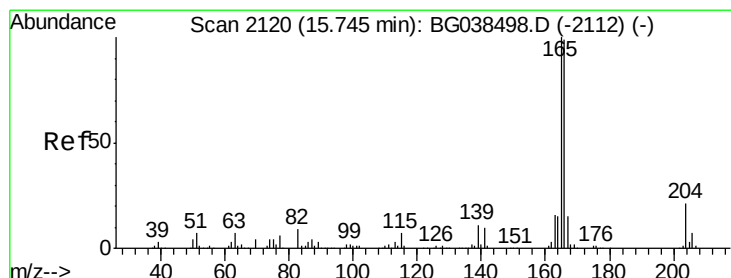
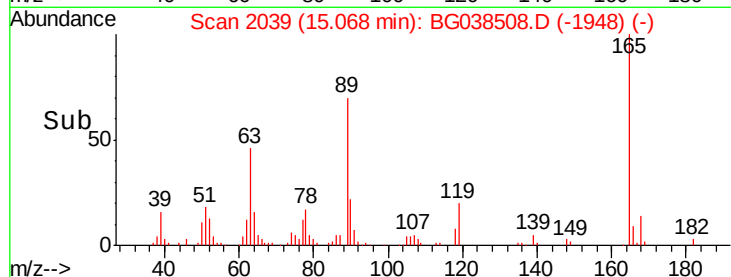
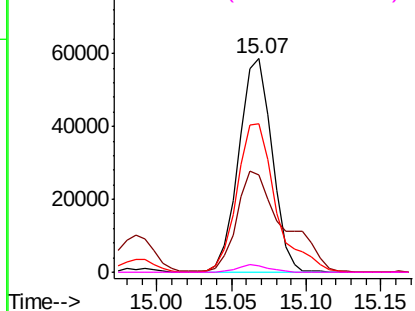
#57
2,4-Dinitrotoluene
Concen: 49.678 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion:165 Resp: 90713
Ion Ratio Lower Upper
165 100
63 45.7 39.0 58.4
89 69.5 58.0 87.0
182 2.7 2.3 3.5

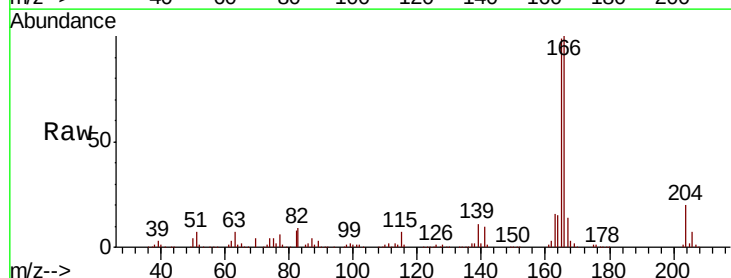


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

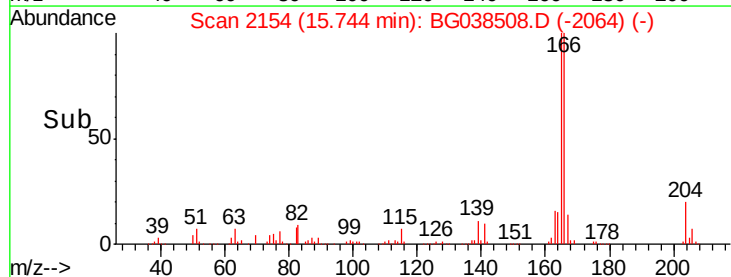
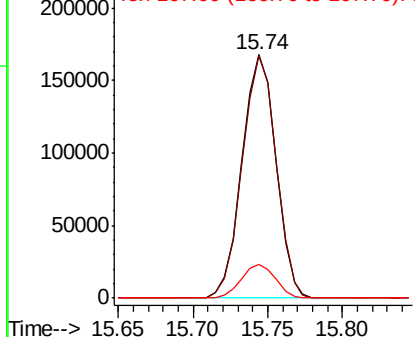


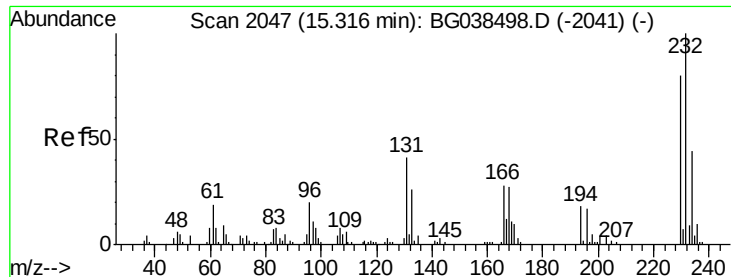
#58
Fluorene
Concen: 51.330 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:166 Resp: 264360
Ion Ratio Lower Upper
166 100
165 99.5 80.6 120.8
167 14.0 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

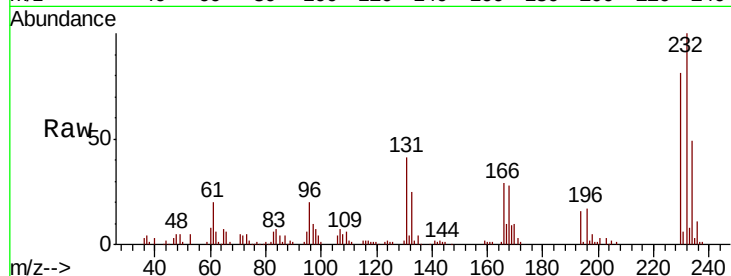




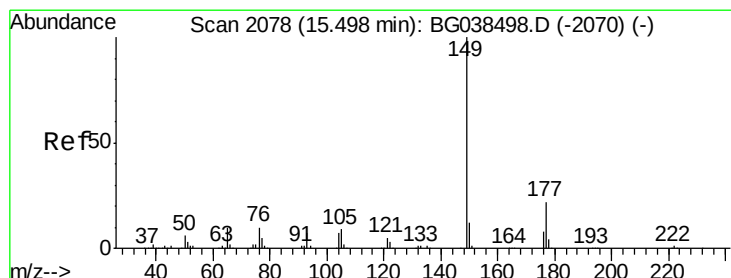
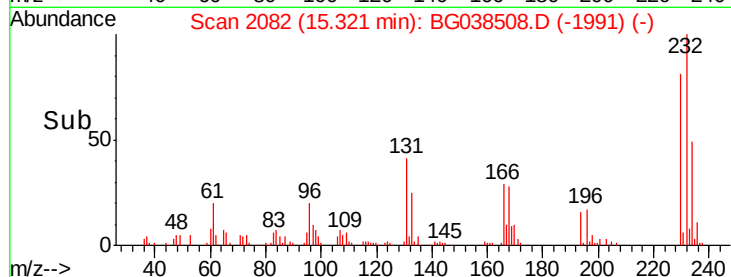
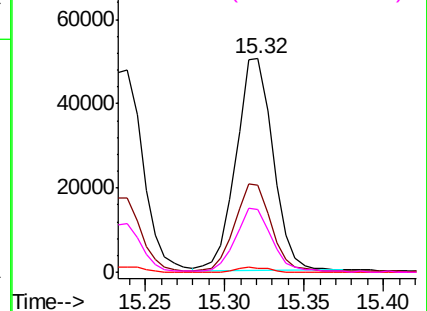
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.352 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion:	232	Resp:	81827
Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.0	49.4
130	2.1	2.0	3.0
166	29.8	23.1	34.7

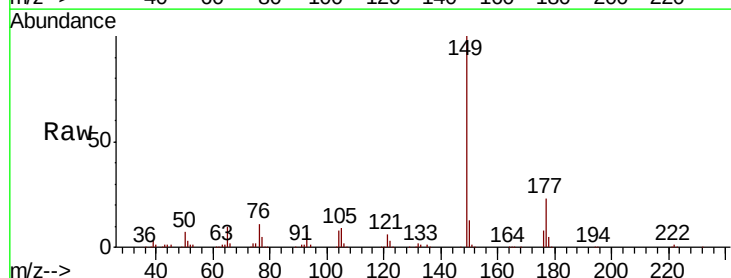


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

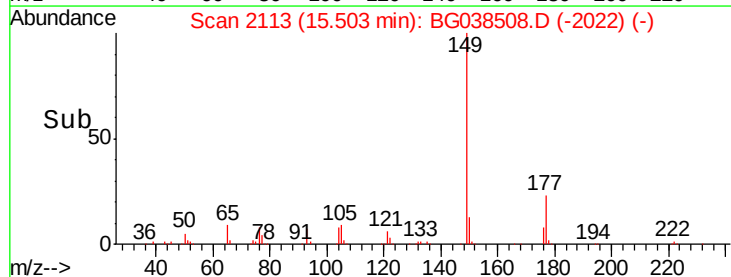
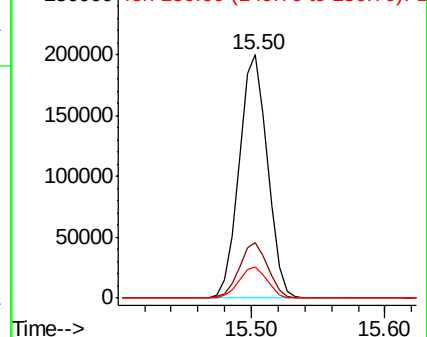


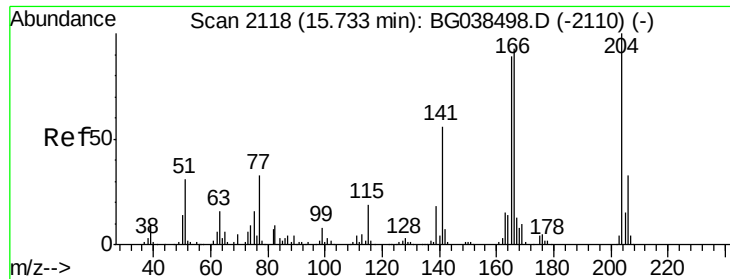
#60
Diethylphthalate
Concen: 46.709 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:	149	Resp:	293346
Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.7	26.5
150	12.8	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

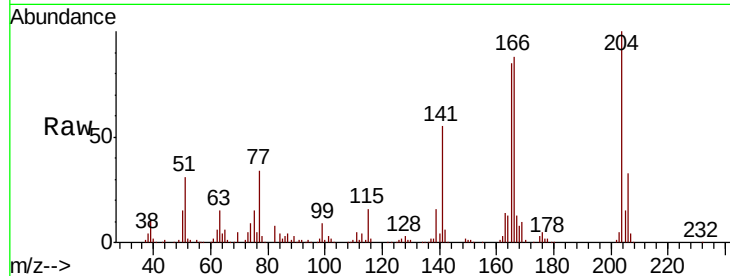




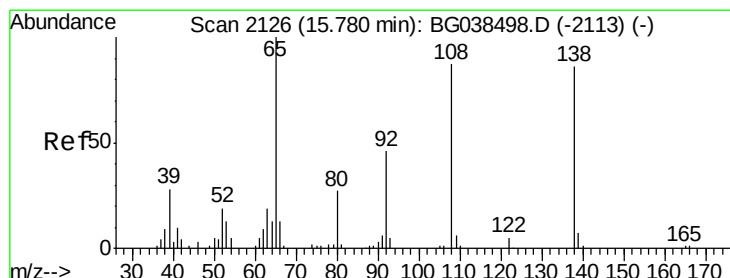
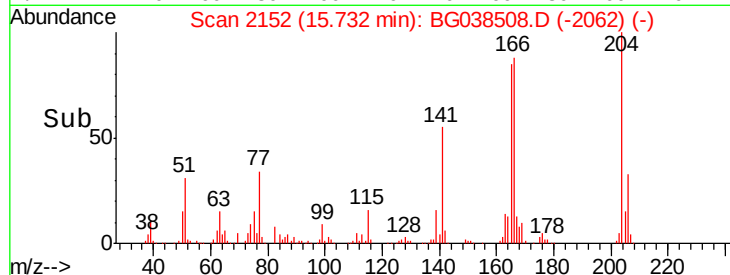
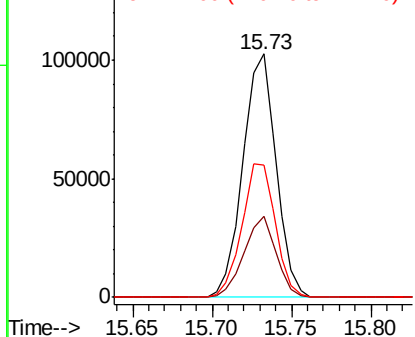
#61
4-Chlorophenyl-phenylether
Concen: 46.343 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion: 204 Resp: 148918
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 54.5 44.4 66.6

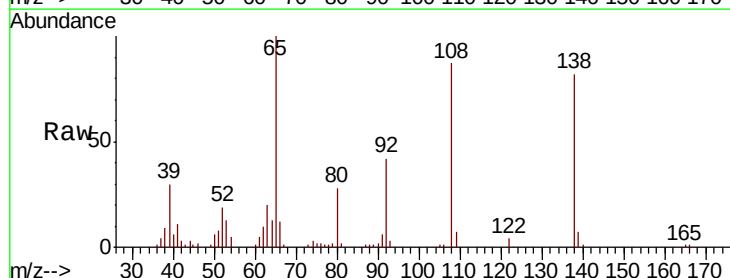


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

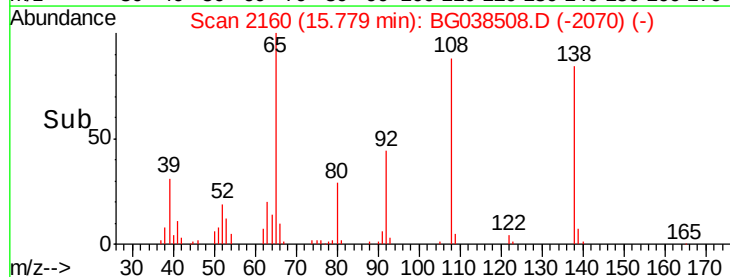
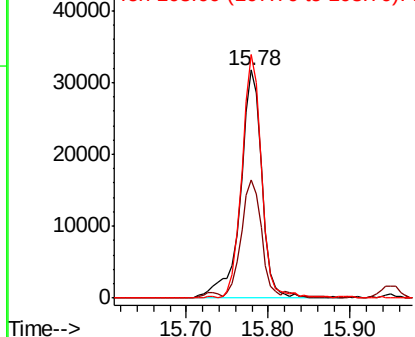


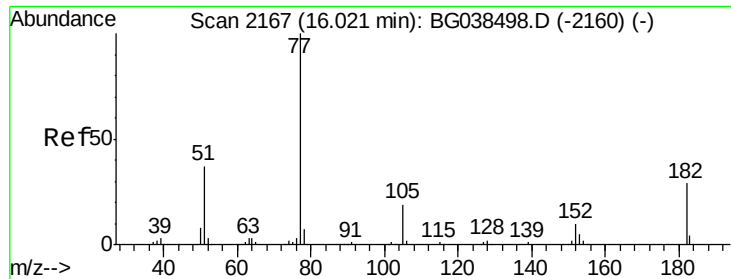
#62
4-Nitroaniline
Concen: 42.468 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion: 138 Resp: 57782
Ion Ratio Lower Upper
138 100
92 52.1 33.3 73.3
108 106.9 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 47.738 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

Tgt Ion: 77 Resp: 250457

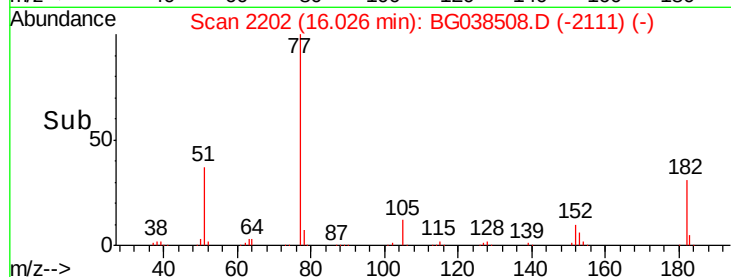
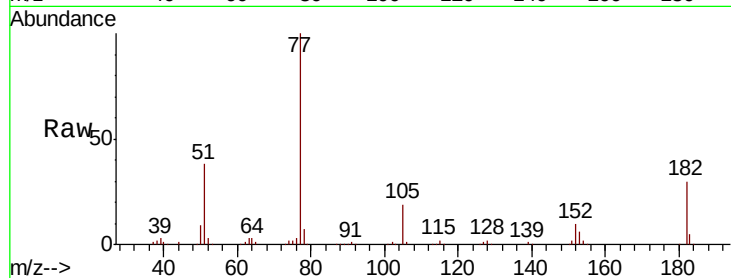
Ion Ratio Lower Upper

77 100

182 30.0 8.7 48.7

105 18.8 0.0 38.7

51 38.2 16.6 56.6

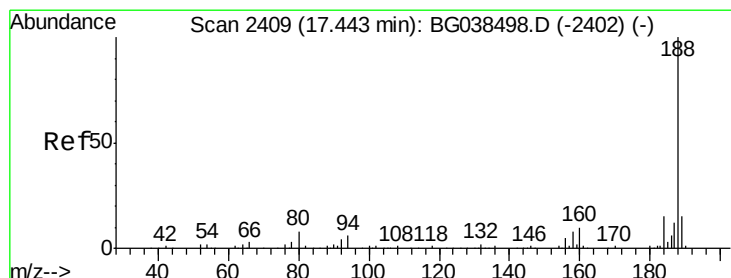
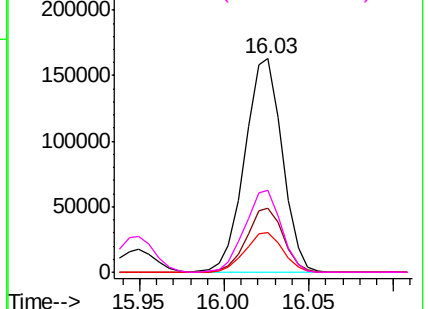


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

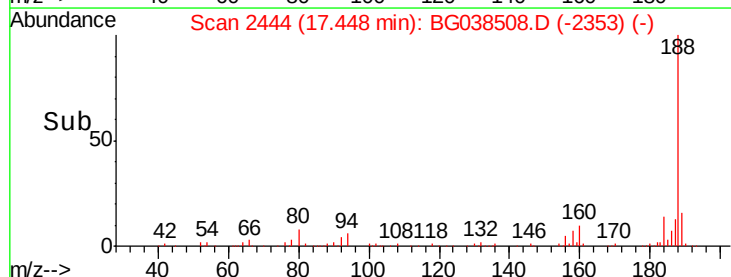
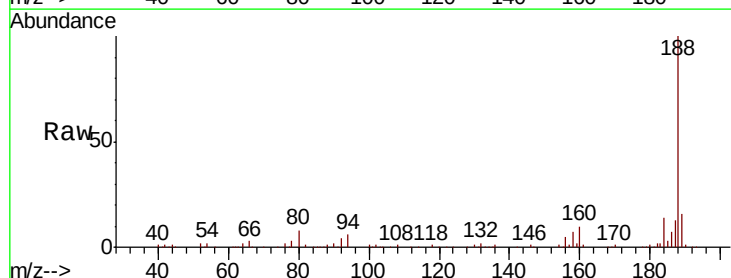
Tgt Ion: 188 Resp: 180654

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

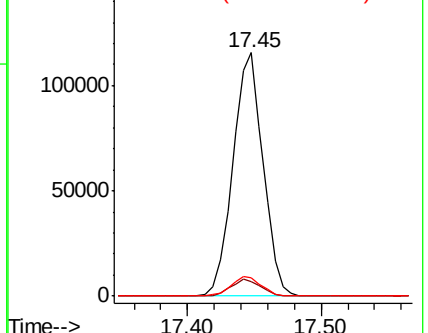
80 7.7 6.1 9.1

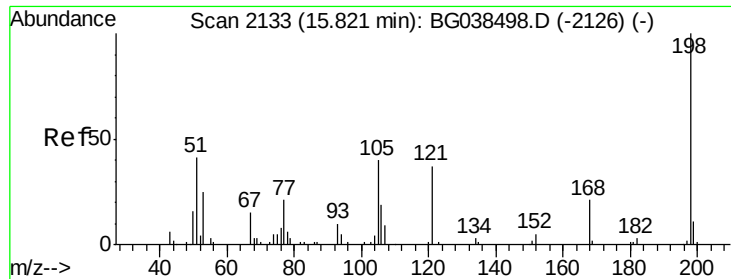


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

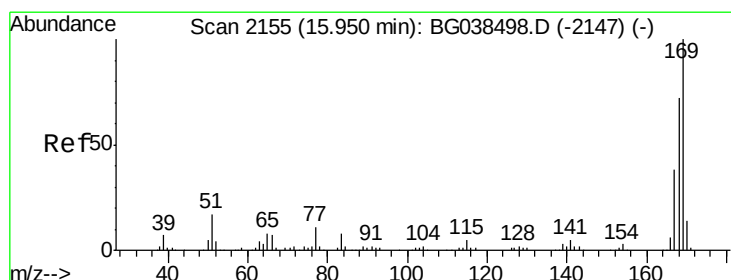
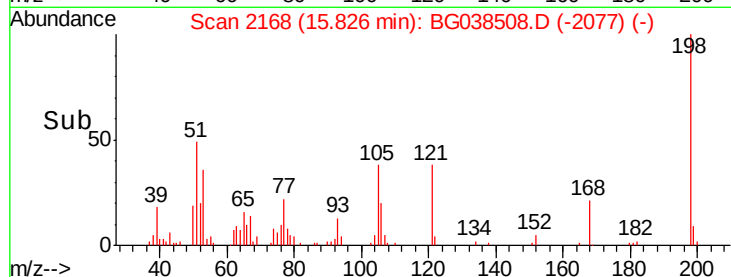
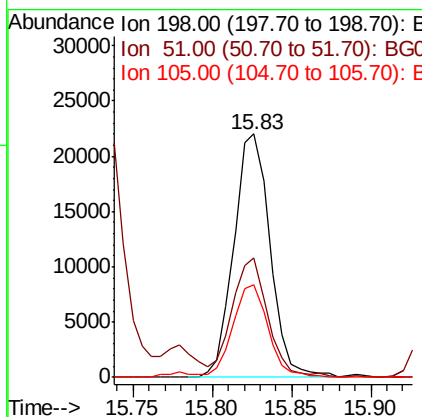
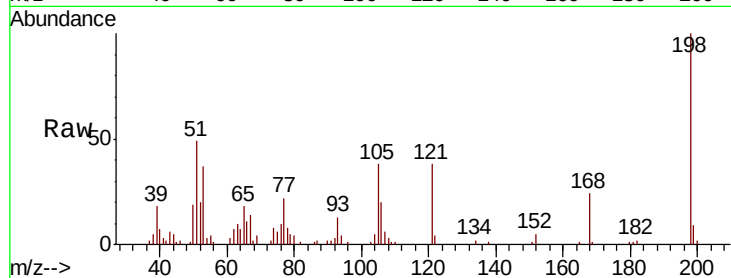




#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.108 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

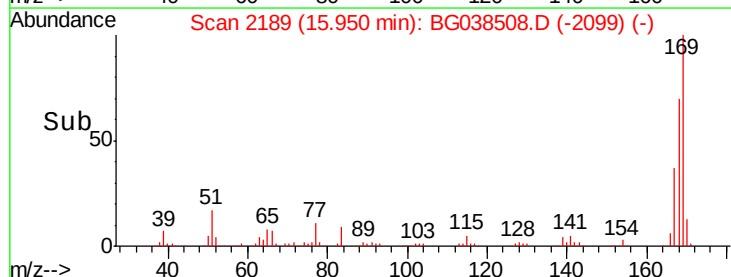
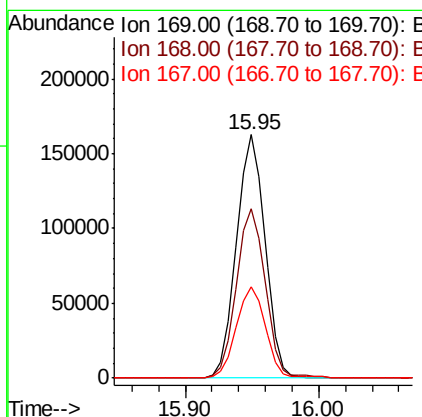
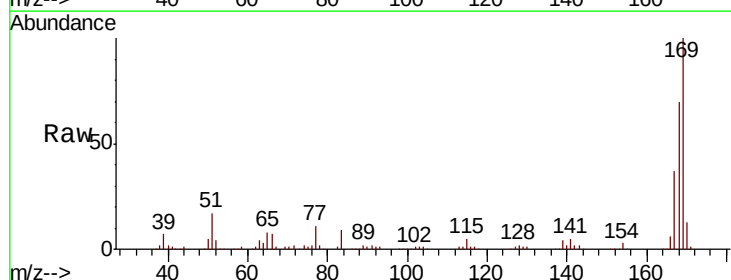
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

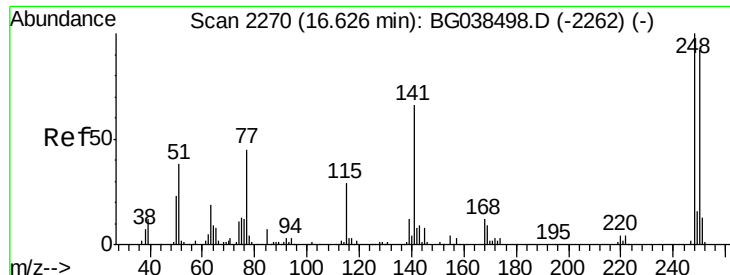
Tgt Ion:198 Resp: 34934
 Ion Ratio Lower Upper
 198 100
 51 48.8 28.6 68.6
 105 38.2 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 45.544 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:169 Resp: 241750
 Ion Ratio Lower Upper
 169 100
 168 69.7 57.5 86.3
 167 37.3 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 44.384 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

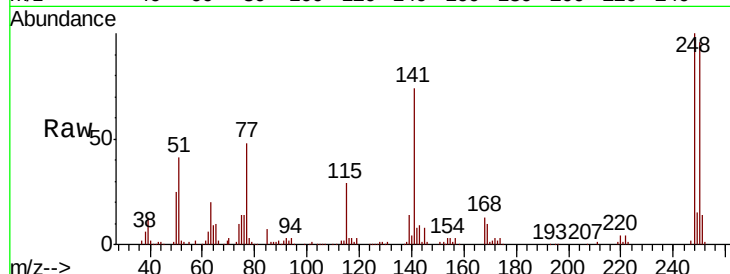
Tgt Ion:248 Resp: 97924

Ion Ratio Lower Upper

248 100

250 96.5 73.4 110.2

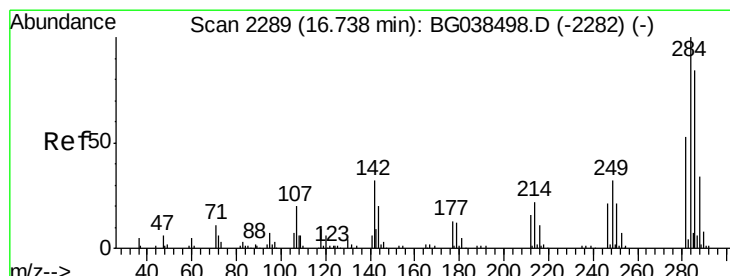
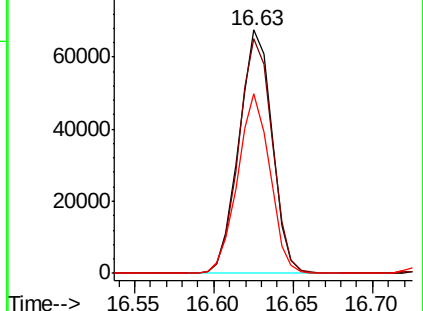
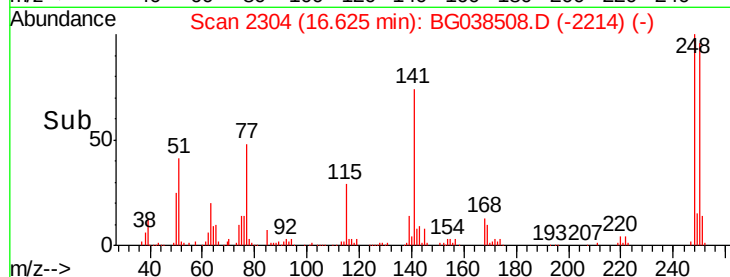
141 73.7 52.9 79.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 45.025 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

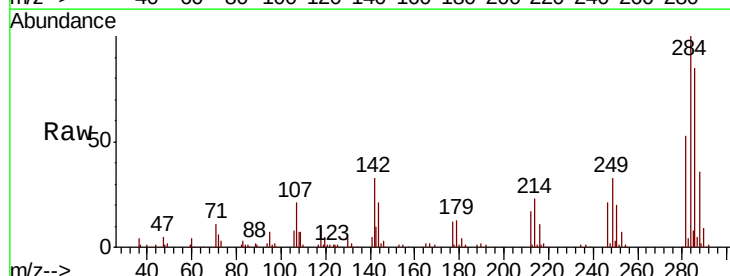
Tgt Ion:284 Resp: 102977

Ion Ratio Lower Upper

284 100

142 32.9 25.8 38.6

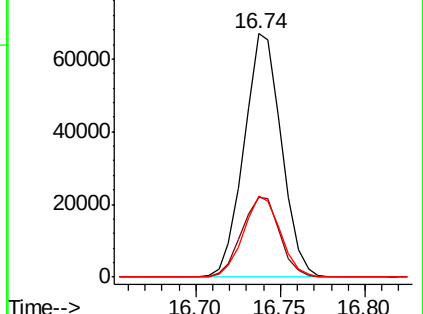
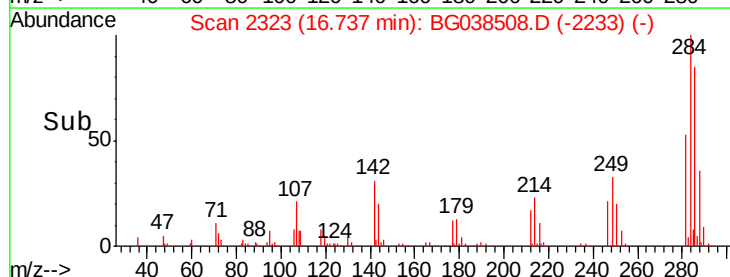
249 36.3 27.0 40.4

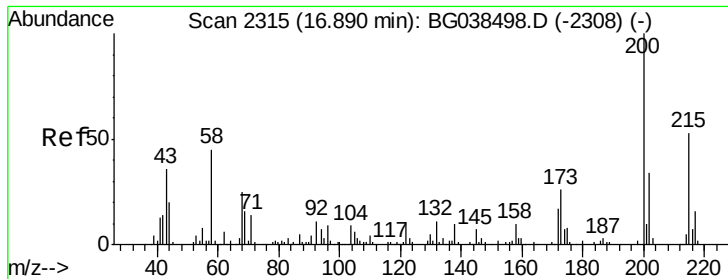


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 52.052 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

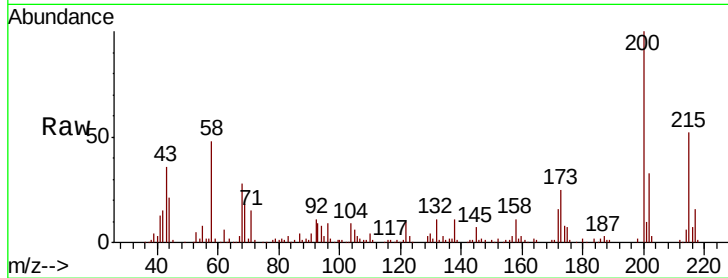
Tgt Ion:200 Resp: 102535

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

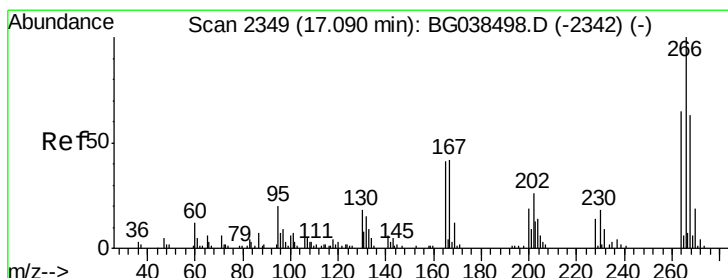
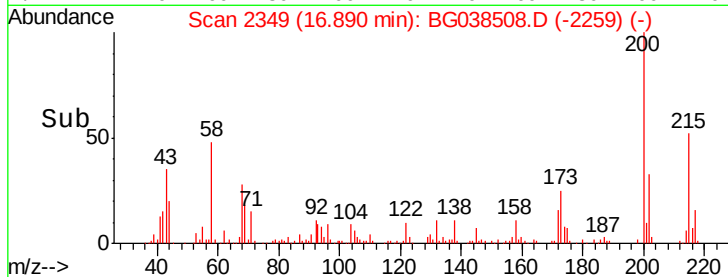
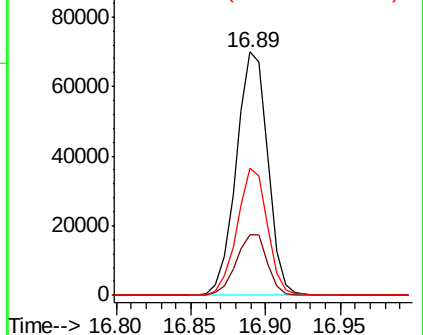
215 52.2 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.593 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

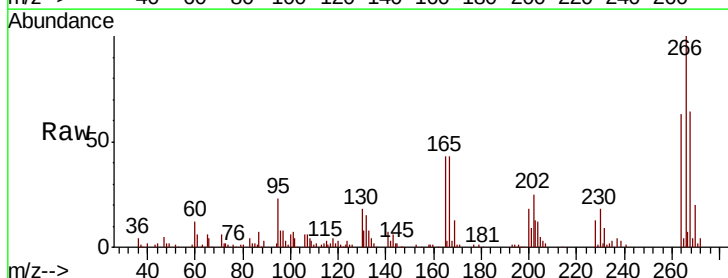
Tgt Ion:266 Resp: 103613

Ion Ratio Lower Upper

266 100

268 67.9 55.0 82.6

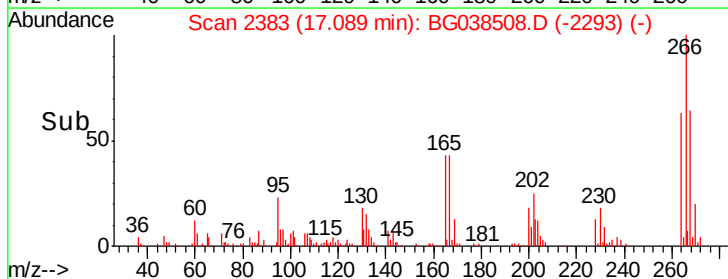
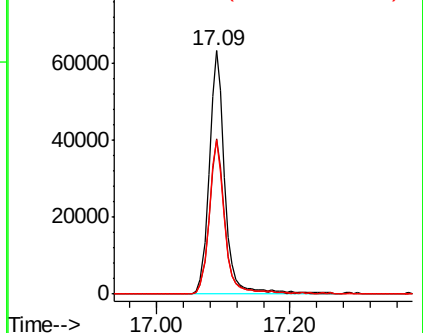
264 66.9 56.7 85.1

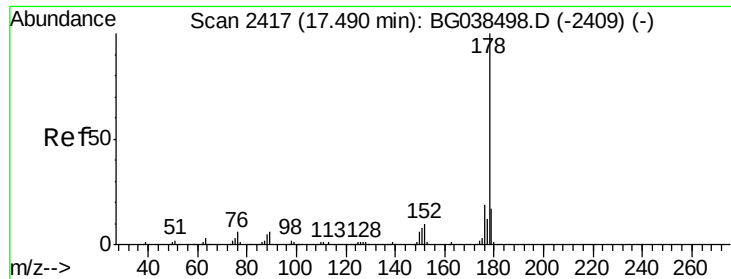


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

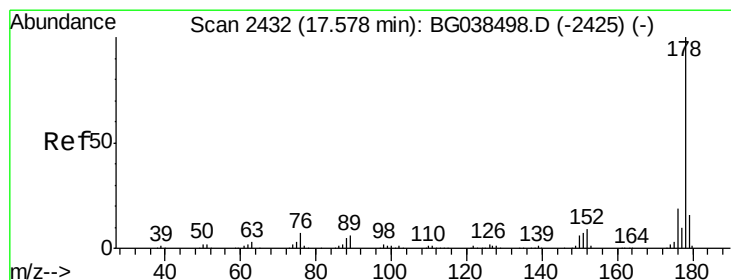
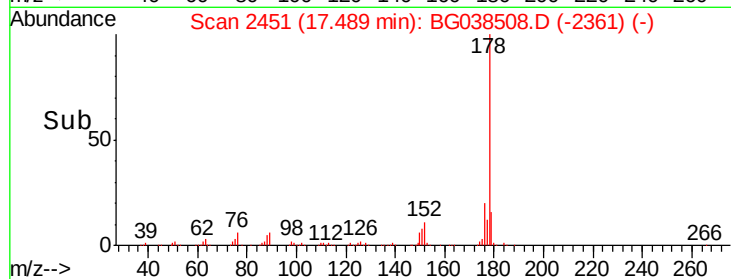
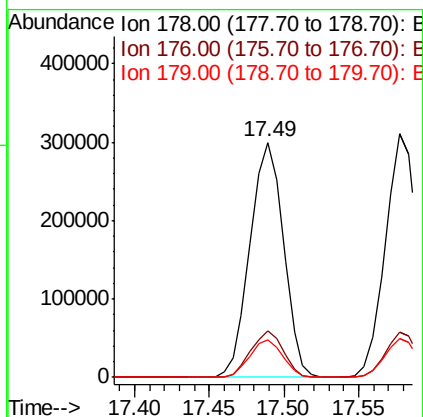
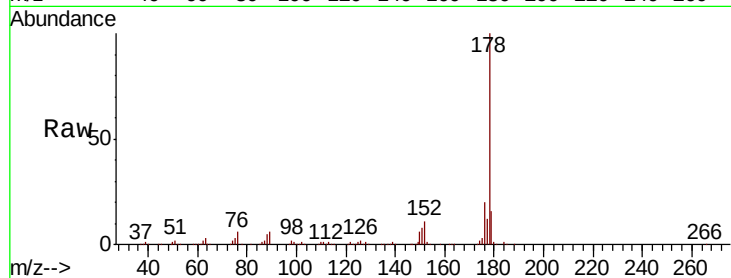




#71
Phenanthrene
Concen: 49.665 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

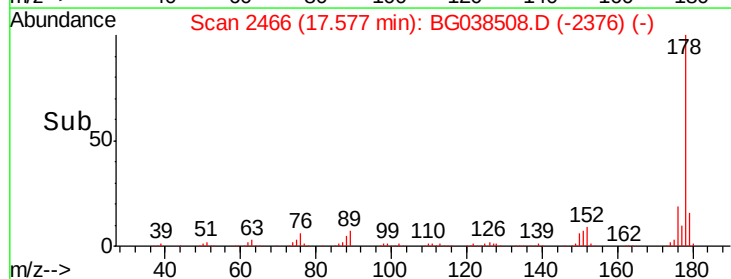
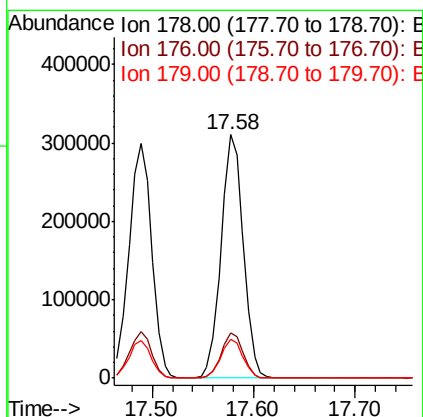
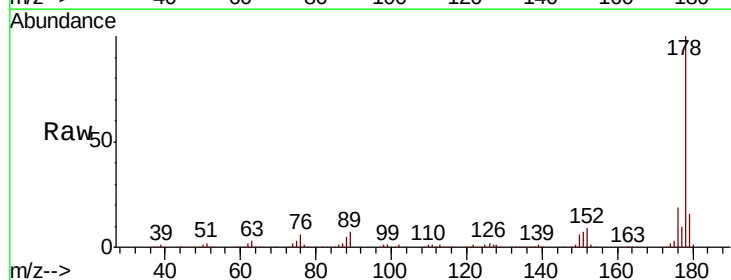
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

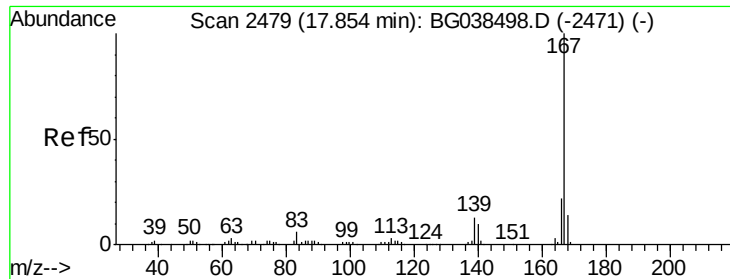
Tgt Ion:178 Resp: 465262
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.2 13.2 19.8



#72
Anthracene
Concen: 51.146 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:178 Resp: 473012
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.8 12.9 19.3

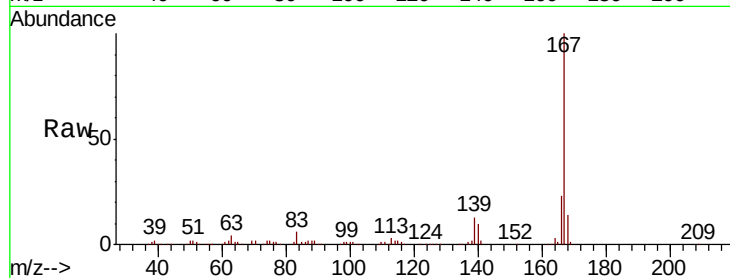




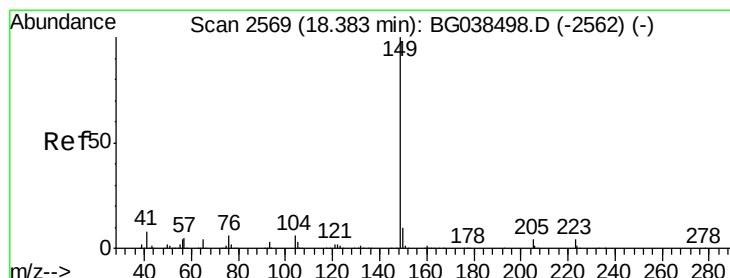
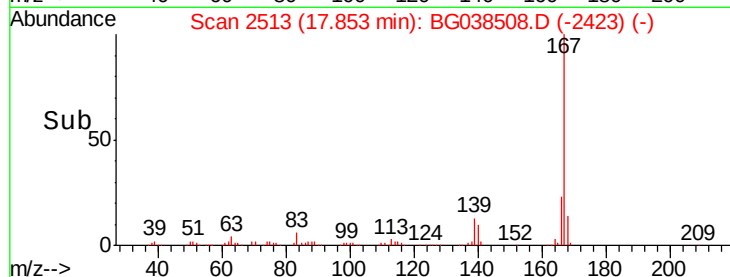
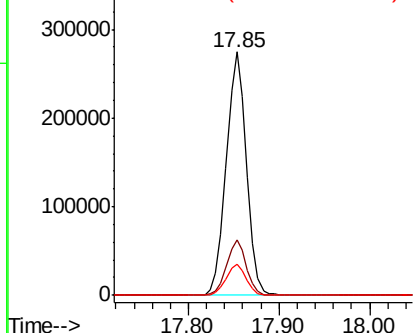
#73
 Carbazole
 Concen: 46.197 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tgt Ion:167 Resp: 422531
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 12.7 10.2 15.2

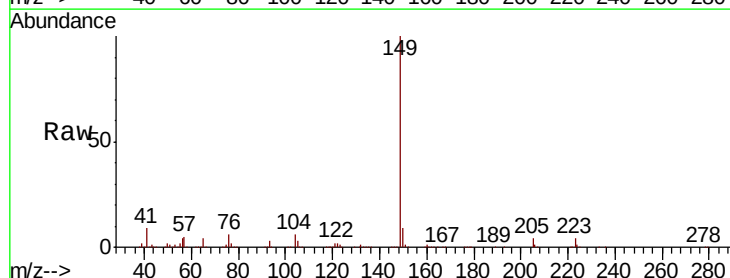


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

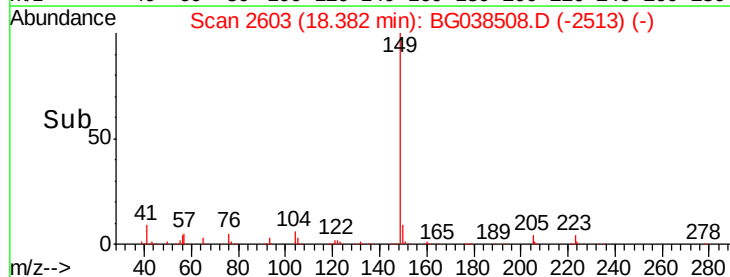
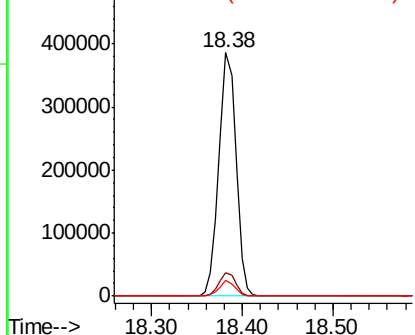


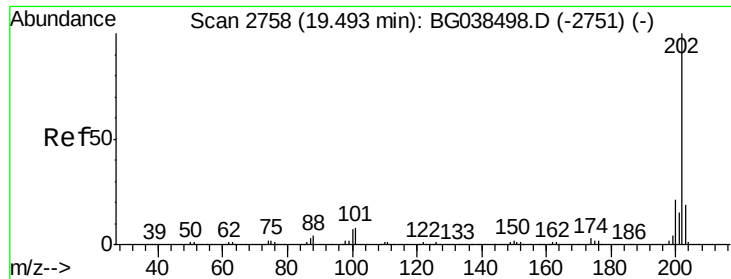
#74
 Di-n-butylphthalate
 Concen: 48.163 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:149 Resp: 505475
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 6.3 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.820 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

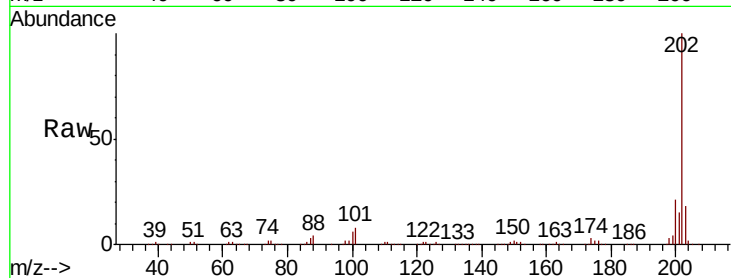
Tgt Ion:202 Resp: 577463

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.1

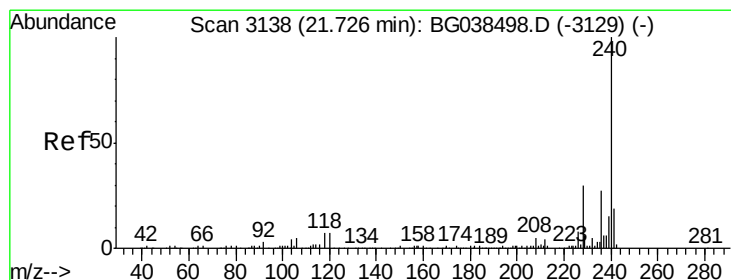
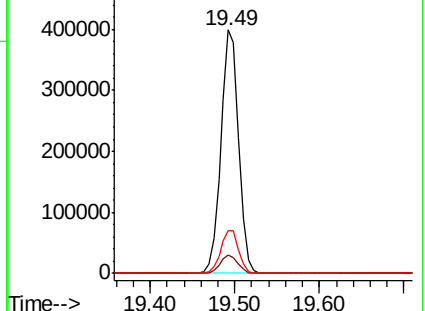
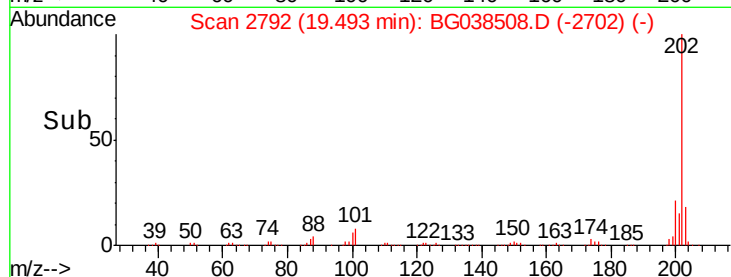
203 17.6 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

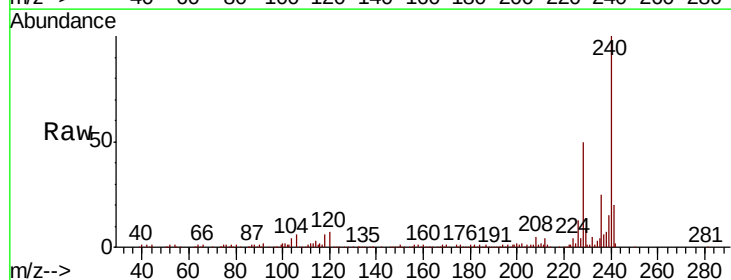
Tgt Ion:240 Resp: 180169

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

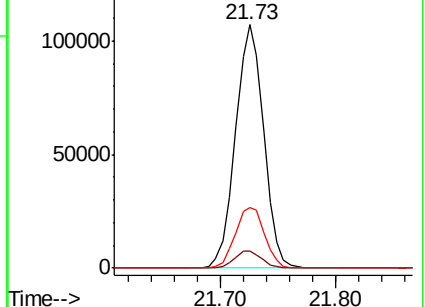
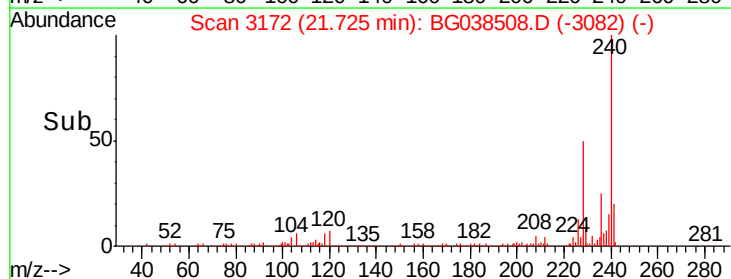
236 25.1 21.4 32.2

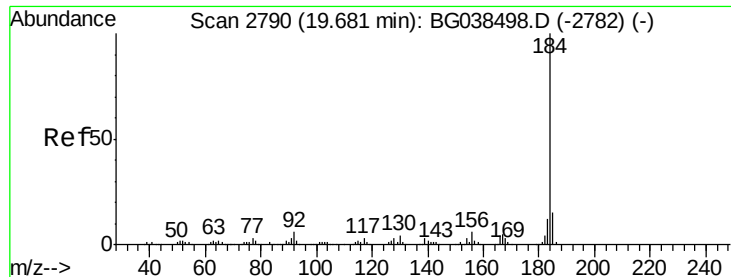


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.893 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

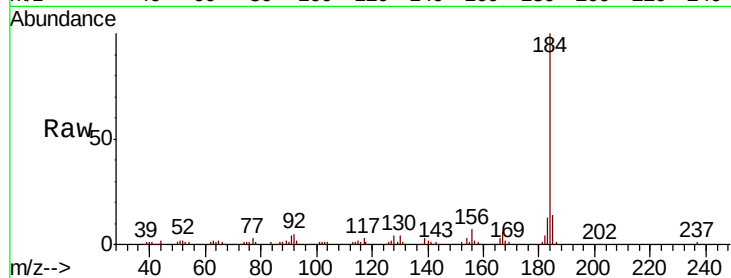
Tgt Ion:184 Resp: 127310

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

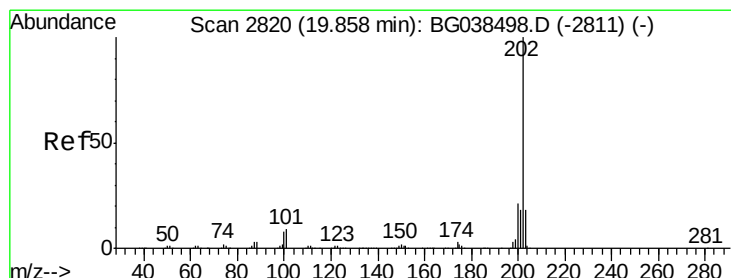
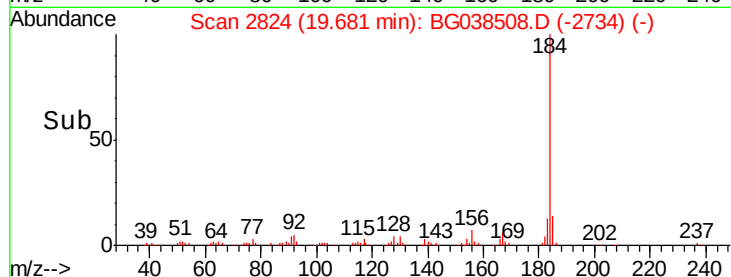
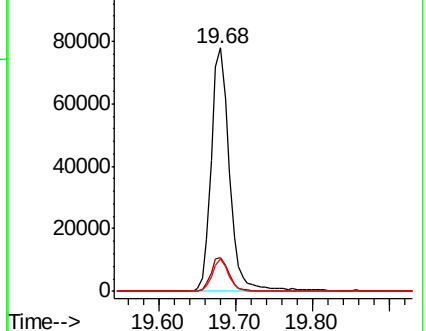
183 13.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.406 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

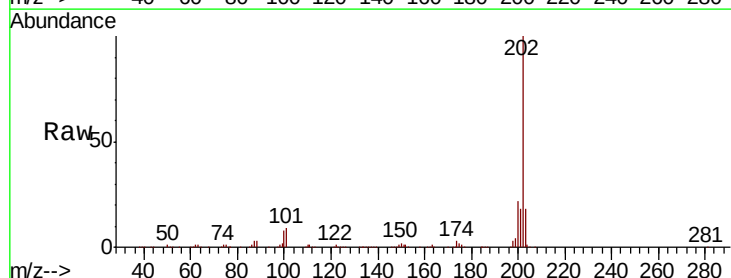
Tgt Ion:202 Resp: 576146

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

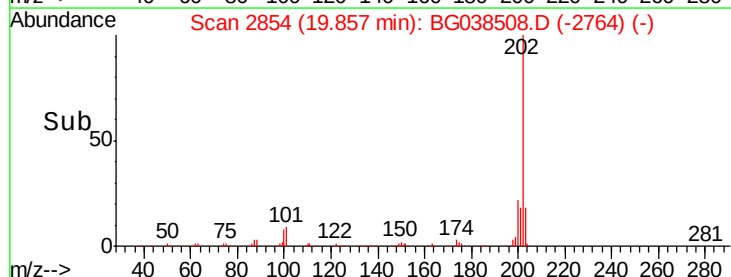
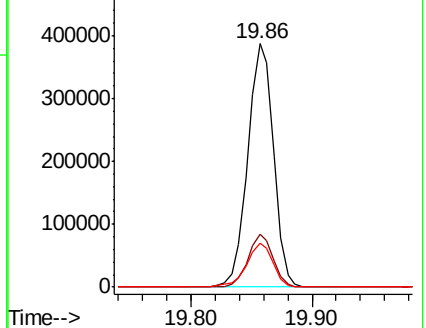
203 18.2 14.6 21.8

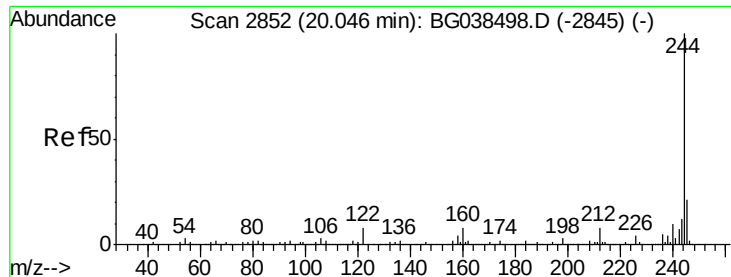


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 109.427 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

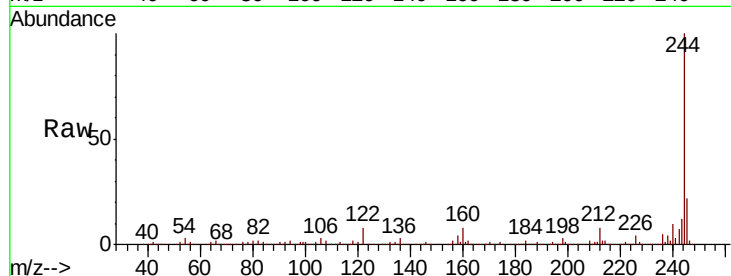
Tgt Ion:244 Resp: 905899

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

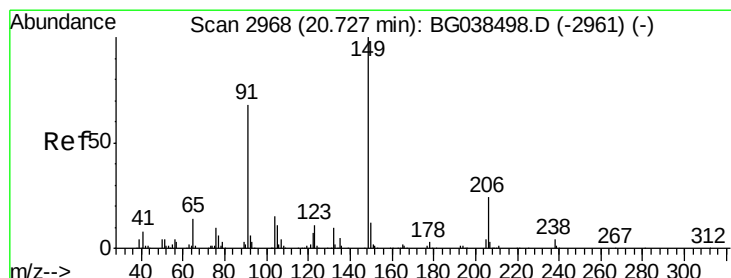
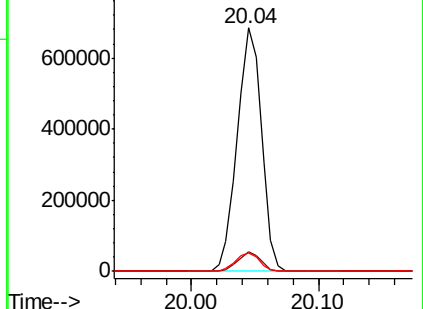
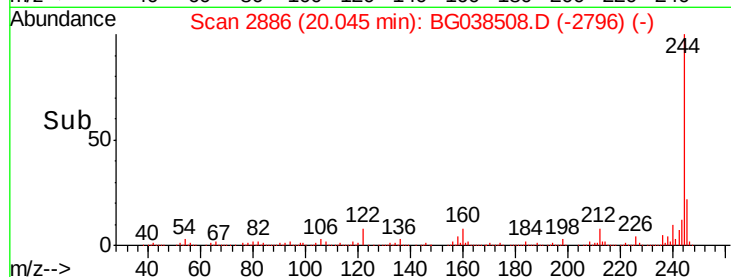
122 7.6 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.002 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

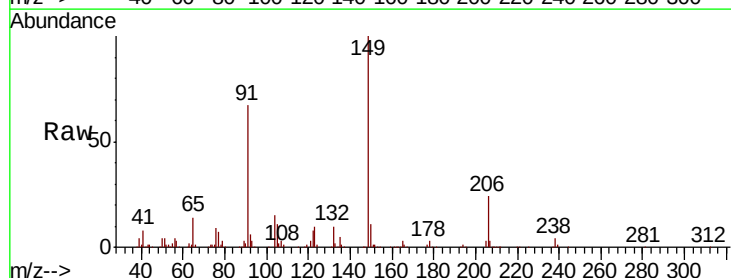
Tgt Ion:149 Resp: 227865

Ion Ratio Lower Upper

149 100

91 67.4 54.5 81.7

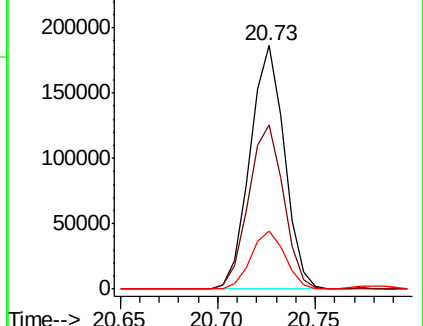
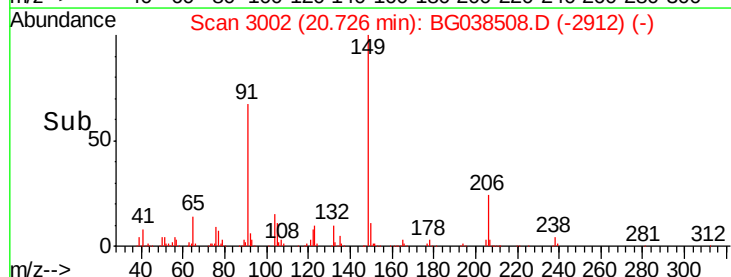
206 23.7 19.0 28.6

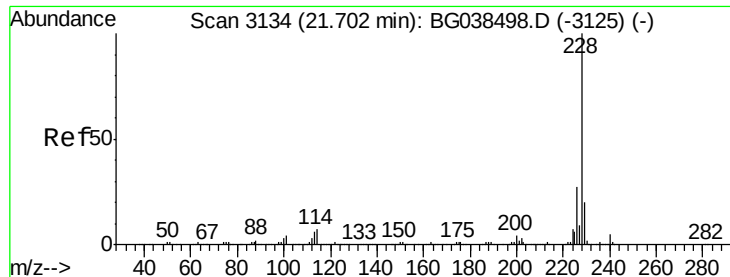


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.690 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

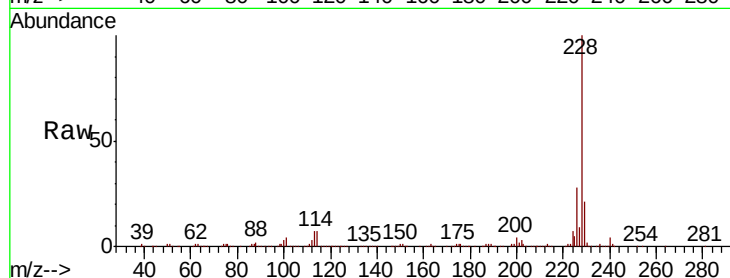
Tgt Ion:228 Resp: 556505

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 20.6 15.8 23.6

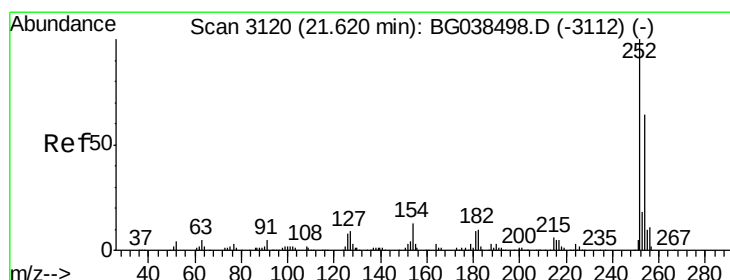
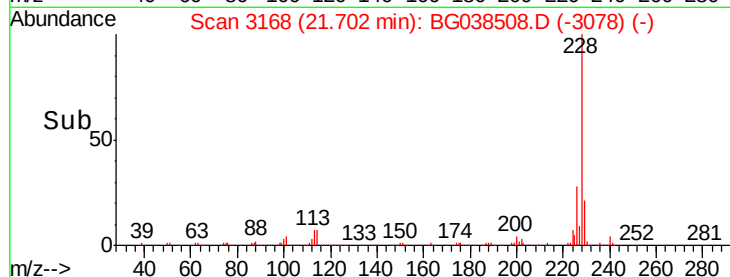
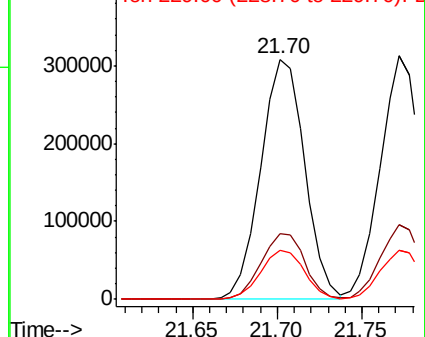


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.982 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

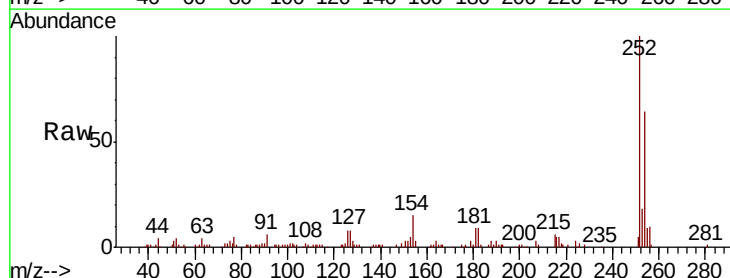
Tgt Ion:252 Resp: 69589

Ion Ratio Lower Upper

252 100

254 64.4 50.9 76.3

126 7.7 6.3 9.5

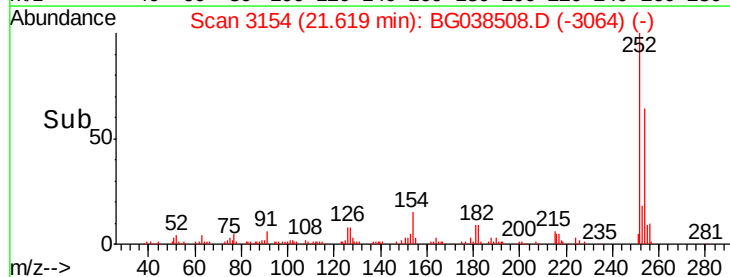
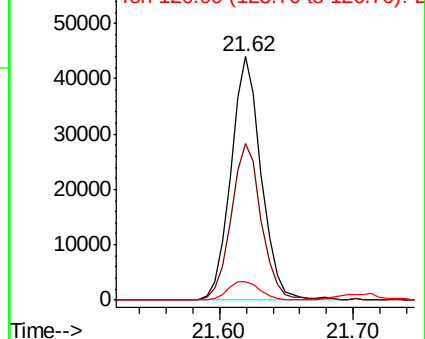


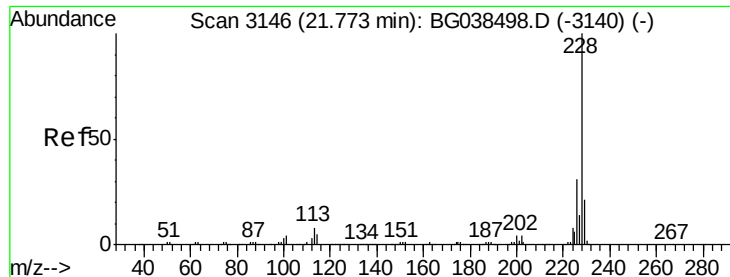
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.798 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

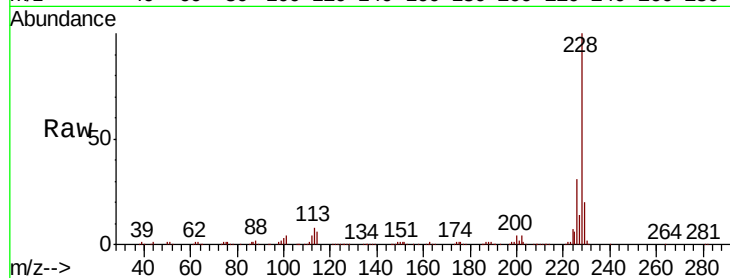
Tgt Ion:228 Resp: 516017

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

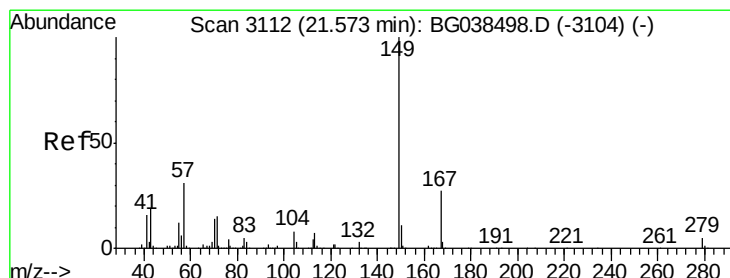
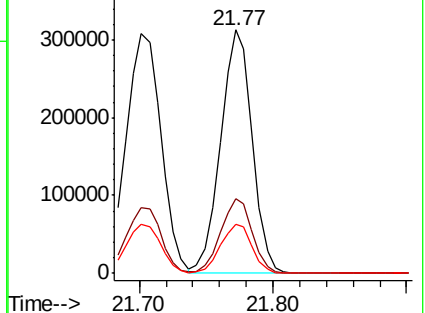
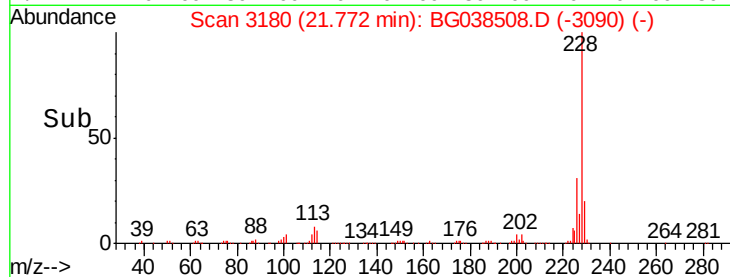
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.022 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

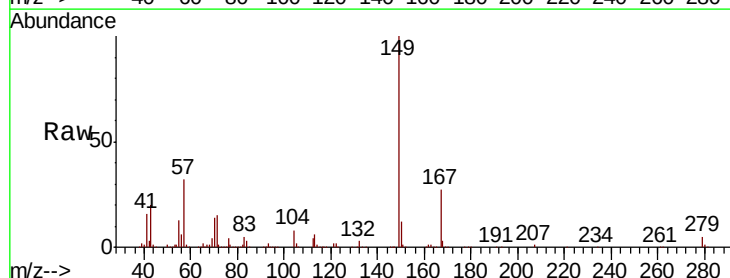
Tgt Ion:149 Resp: 316712

Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

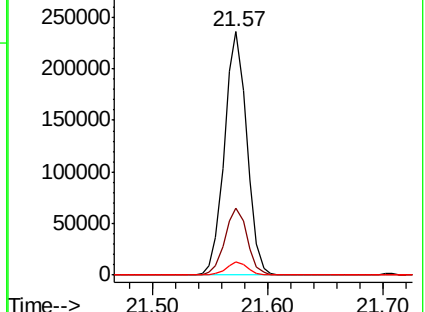
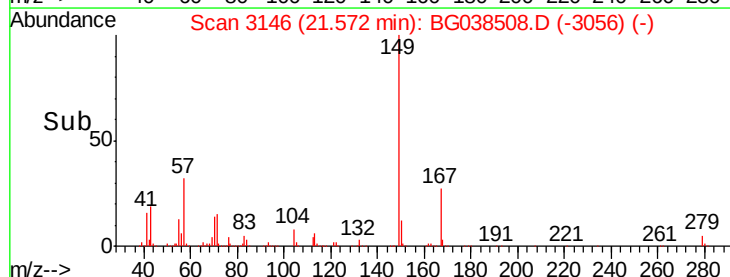
279 5.5 4.2 6.2

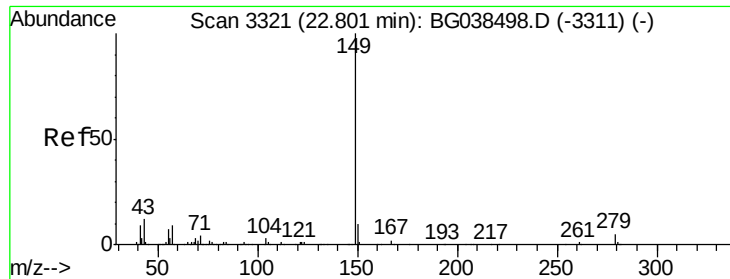


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

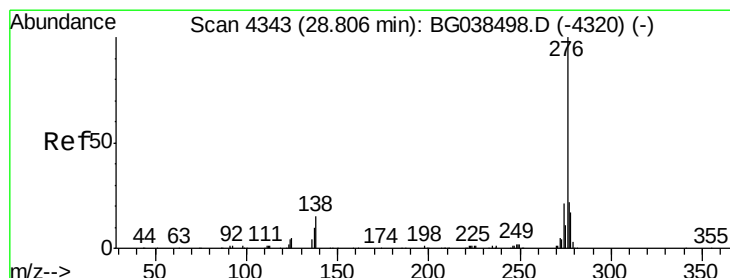
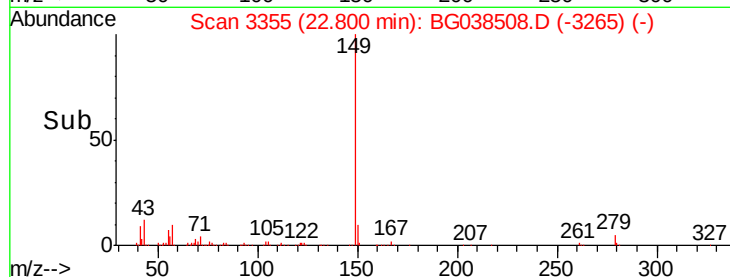
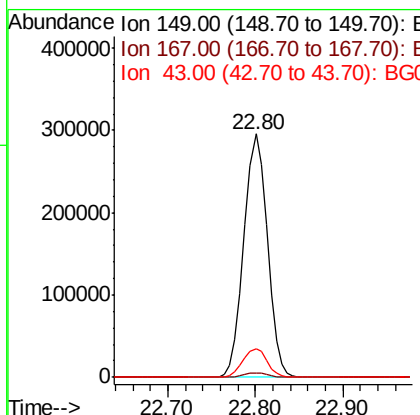
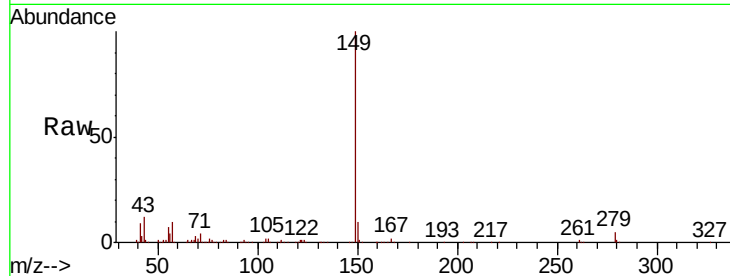




#85
 Di-n-octyl phthalate
 Concen: 48.560 ng
 RT: 22.80 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

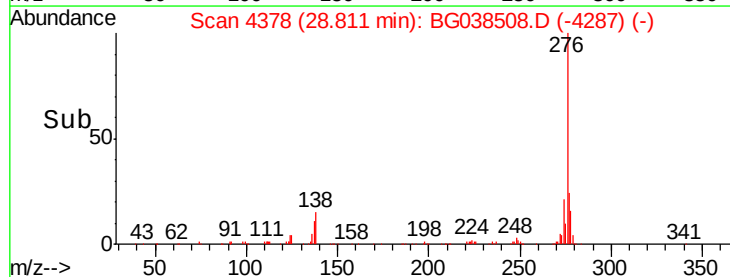
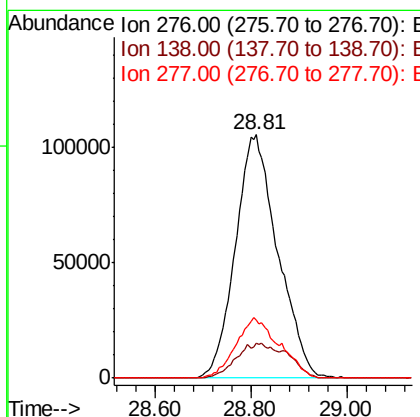
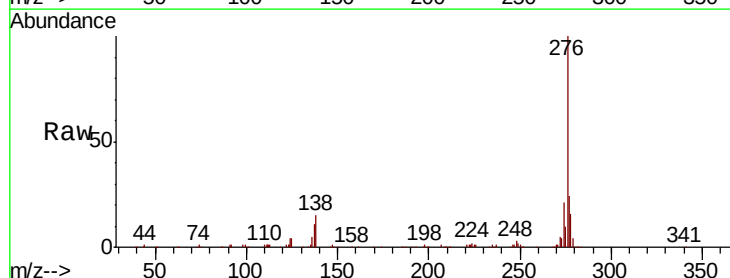
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

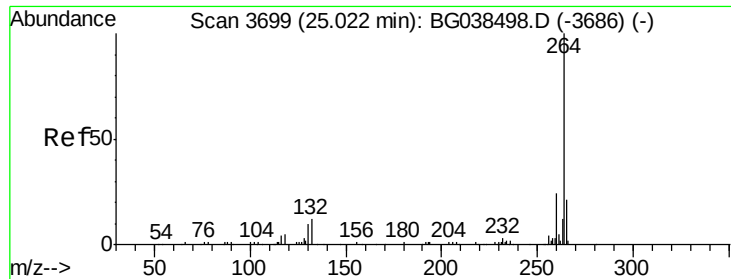
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.9	9.3	13.9



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.983 ng
 RT: 28.81 min Scan# 4378
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.6	14.4	21.6#
277	25.6	0.0	0.0#

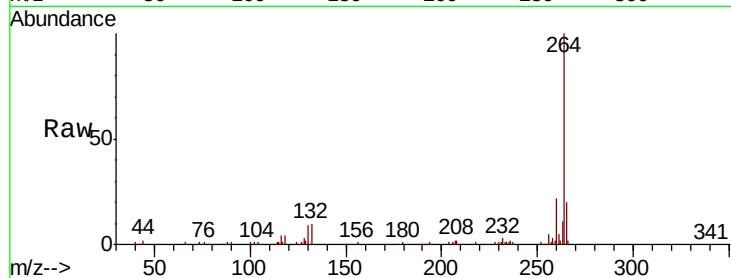




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.9	28.3
265	20.1	17.0	25.4

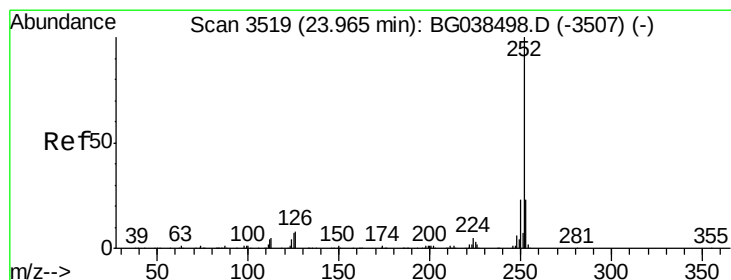
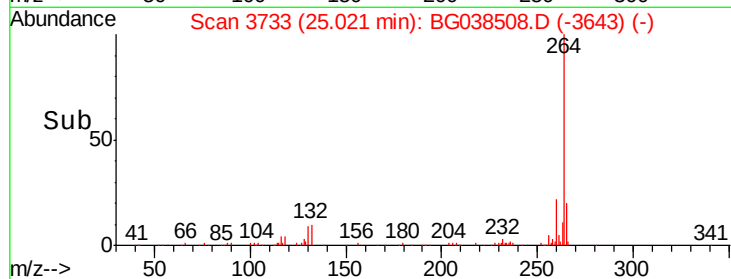
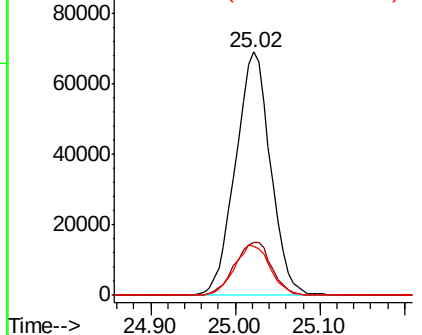


Abundance

Ion 264.00 (263.70 to 264.70): E

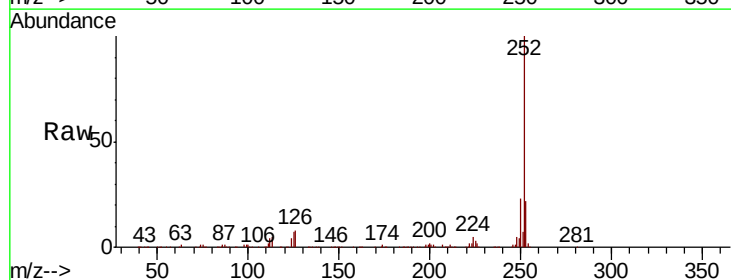
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 51.025 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	7.0	5.5	8.3

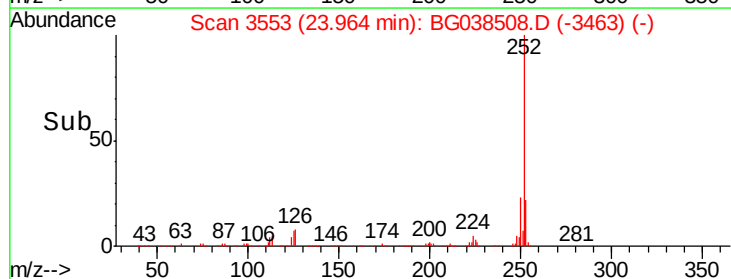
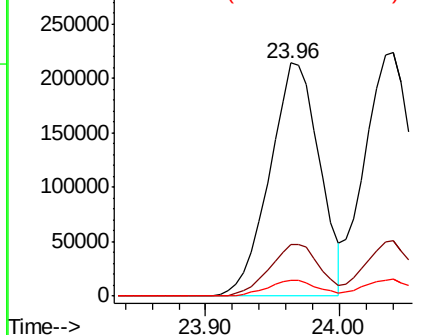


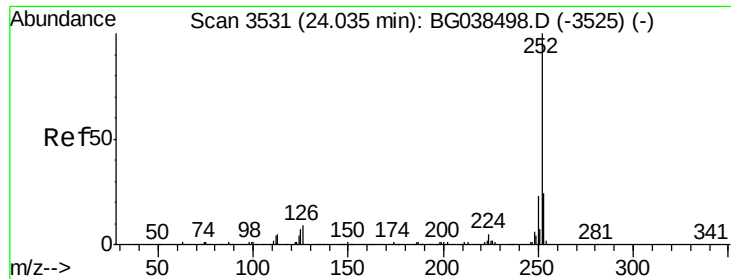
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.869 ng

RT: 24.04 min Scan# 3566

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

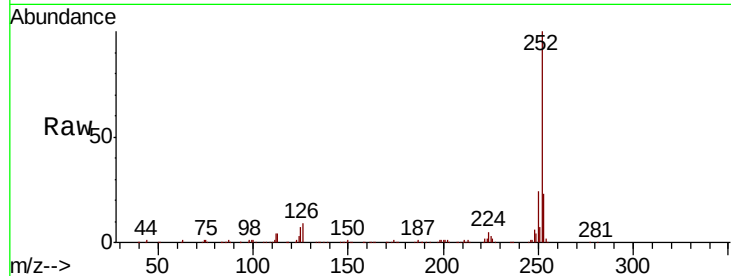
Tgt Ion:252 Resp: 551262

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

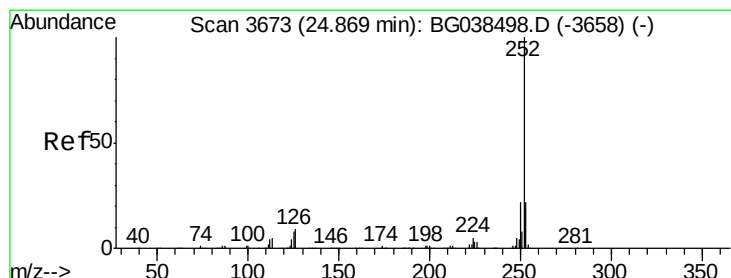
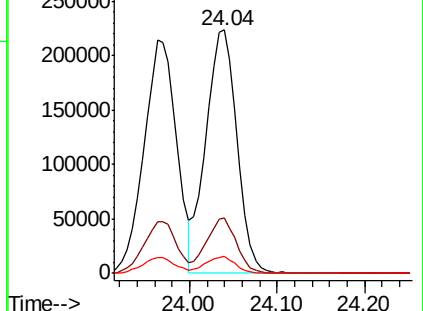
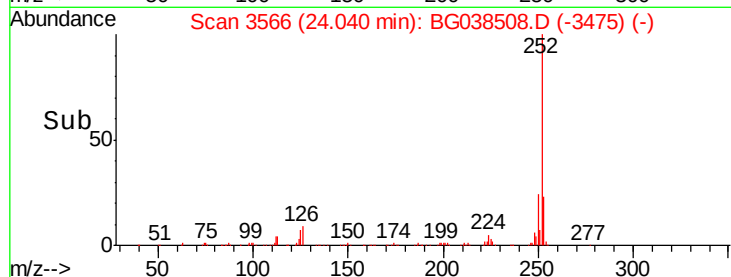
125 7.0 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.734 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

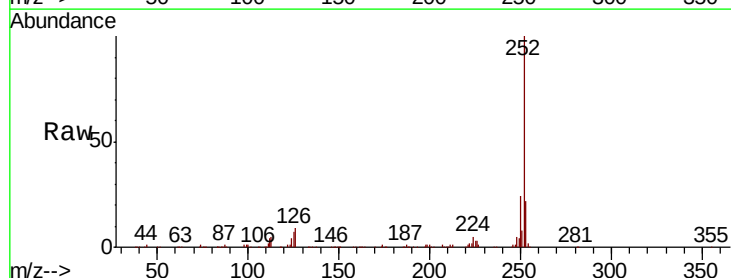
Tgt Ion:252 Resp: 543159

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

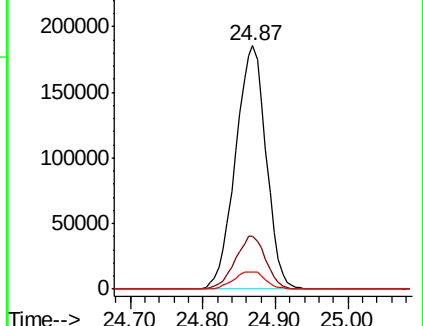
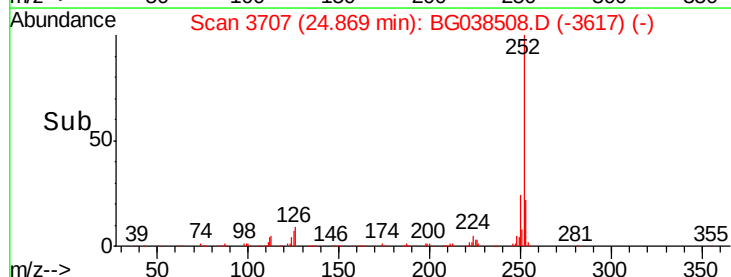
125 7.0 6.4 9.6

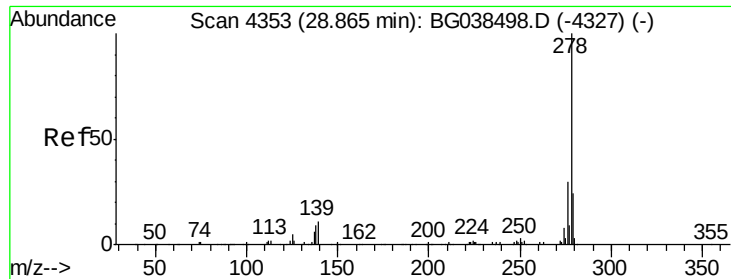


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.235 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

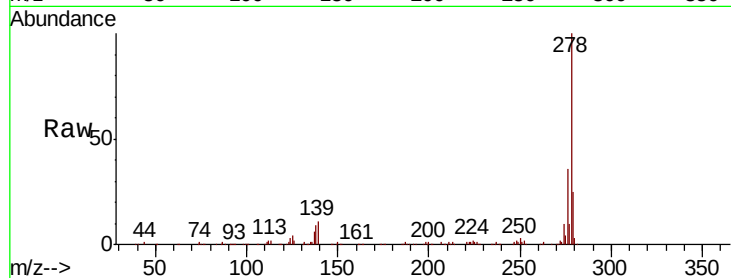
Tgt Ion:278 Resp: 535593

Ion Ratio Lower Upper

278 100

139 11.3 8.6 12.8

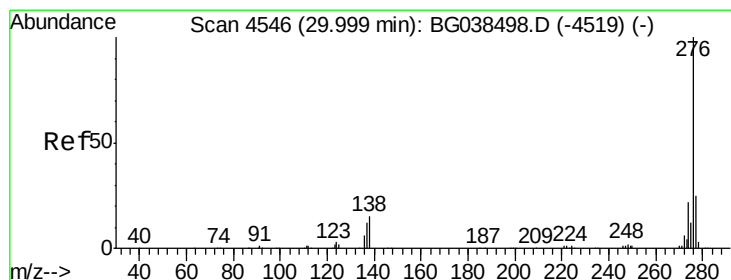
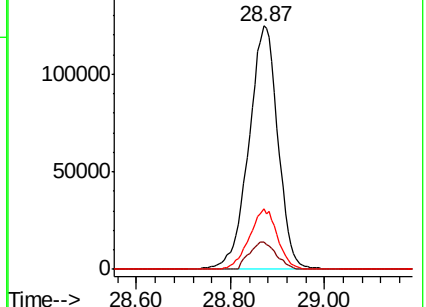
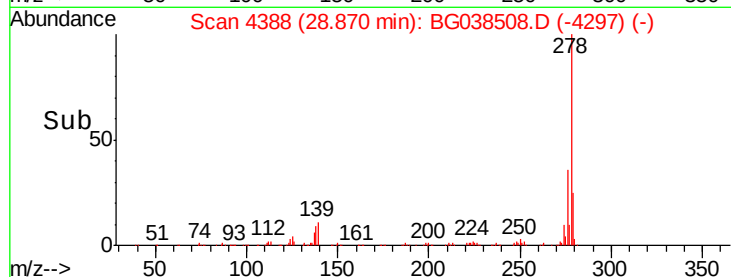
279 24.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.528 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

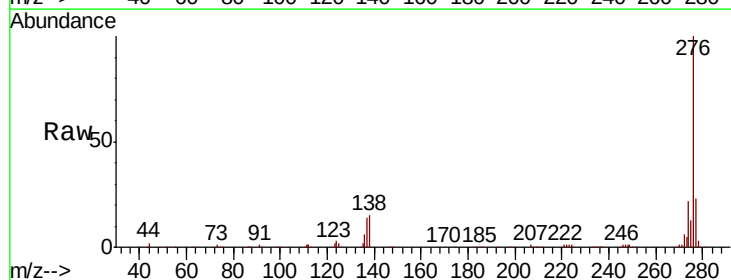
Tgt Ion:276 Resp: 530850

Ion Ratio Lower Upper

276 100

277 22.8 19.8 29.8

138 14.7 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

